Arie Steinvil

List of Publications by Citations

110 papers	1,928 citations	24 h-index	38 g-index
121 ext. papers	2,299 ext. citations	3.8 avg, IF	4.49 L-index

#	Paper	IF	Citations
110	Mandatory electrocardiographic screening of athletes to reduce their risk for sudden death proven fact or wishful thinking?. *Journal of the American College of Cardiology*, **2011**, 57, 1291-6	15.1	215
109	Prevalence and predictors of concomitant carotid and coronary artery atherosclerotic disease. *Journal of the American College of Cardiology*, **2011**, 57, 779-83	15.1	108
108	Short-term exposure to air pollution and inflammation-sensitive biomarkers. *Environmental Research*, **2008**, 106, 51-61	7.9	74
107	Life-threatening events during endurance sports: is heat stroke more prevalent than arrhythmic death?. *Journal of the American College of Cardiology*, **2014**, 64, 463-9	15.1	68
106	Intravascular ultrasound-guided drug-eluting stent implantation: An updated meta-analysis of randomized control trials and observational studies. *International Journal of Cardiology*, **2016**, 216, 133-9	3.2	55
105	Hemodynamic impact and outcome of permanent pacemaker implantation following transcatheter aortic valve implantation. *American Journal of Cardiology*, **2014**, 113, 132-7	3	49
104	Vascular complications after transcatheter aortic valve implantation and their association with mortality reevaluated by the valve academic research consortium definitions. *American Journal of Cardiology*, **2015**, 115, 100-6	3	45
103	Acute kidney injury among ST elevation myocardial infarction patients treated by primary percutaneous coronary intervention: a multifactorial entity. *Journal of Nephrology*, **2016**, 29, 169-174	4.8	43
102	Comparison of the Edwards SAPIEN S3 Versus Medtronic Evolut-R Devices for Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2017**, 119, 302-307	3	40
101	Periprocedural bleeding, acute kidney injury, and long-term mortality after transcatheter aortic valve implantation. *Canadian Journal of Cardiology*, **2015**, 31, 56-62	3.8	37
100	Outcomes of Patients at Estimated Low, Intermediate, and High Risk Undergoing Transcatheter Aortic Valve Implantation for Aortic Stenosis. *American Journal of Cardiology*, **2015**, 116, 1916-22	3	35
99	Atrial fibrillation, stroke, and mortality rates after transcatheter aortic valve implantation. *American Journal of Cardiology*, **2014**, 114, 1861-6	3	35
98	Contemporary transcatheter aortic valve replacement with third-generation balloon-expandable versus self-expanding devices. *Journal of Interventional Cardiology*, **2017**, 30, 356-361	1.8	34
97	High sensitive C-reactive protein and the risk of acute kidney injury among ST elevation myocardial infarction patients undergoing primary percutaneous intervention. *Clinical and Experimental Nephrology*, **2015**, 19, 838-43	2.5	32
96	Association of common thrombophilias and antiphospholipid antibodies with success rate of in vitro fertilisation. *Thrombosis and Haemostasis*, **2012**, 108, 1192-7	7	32
95	Vitamin D deficiency prevalence and cardiovascular risk in Israel. *European Journal of Clinical Investigation*, **2011**, 41, 263-8	4.6	32
94	Acute Cardio-Renal Syndrome as a Cause for Renal Deterioration Among Myocardial Infarction Patients Treated With Primary Percutaneous Intervention. *Canadian Journal of Cardiology*, **2015**, 31, 1240-4	3.8	30

93	Mortality prediction following transcatheter aortic valve replacement: A quantitative comparison of risk scores derived from populations treated with either surgical or percutaneous aortic valve replacement. The Israeli TAVR Registry Risk Model Accuracy Assessment (IRRMA) study. *International Journal of Cardiology*, **2016**, 215, 227-31	3.2	29
92	Diagnostic value of T-wave morphology changes during "QT stretching" in patients with long QT syndrome. *Heart Rhythm*, **2015**, 12, 2263-71	6.7	28
91	Association of admission hemoglobin levels and acute kidney injury among myocardial infarction patients treated with primary percutaneous intervention. *Canadian Journal of Cardiology*, **2015**, 31, 50-5	3.8	28
90	Usefulness of updated valve academic research consortium-2 criteria for acute kidney injury following transcatheter aortic valve implantation. *American Journal of Cardiology*, **2013**, 112, 1807-11	3	27
89	Relation of educational level to inflammation-sensitive biomarker level. *American Journal of Cardiology*, **2008**, 102, 1034-9	3	26
88	Admission Glucose Levels and the Risk of Acute Kidney Injury in Nondiabetic ST Segment Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. *CardioRenal Medicine*, **2015**, 5, 191-8	2.8	25
87	Choice of Balloon-Expandable Versus Self-Expanding Transcatheter Aortic Valve Impacts Hemodynamics Differently According to Aortic Annular Size. *American Journal of Cardiology*, **2017**, 119, 900-904	3	24
86	Comparison of outcomes in patients ≤85 versus >85 years of age undergoing transcatheter aortic-valve implantation. *American Journal of Cardiology*, **2014**, 113, 138-41	3	24
85	Utility of Invasive Electrophysiology Studies in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2018**, 121, 1351-1357	3	22
84	Relation of time to coronary reperfusion and the development of acute kidney injury after ST-segment elevation myocardial infarction. *American Journal of Cardiology*, **2014**, 114, 1131-5	3	22
83	The association of higher levels of within-normal-limits liver enzymes and the prevalence of the metabolic syndrome. *Cardiovascular Diabetology*, **2010**, 9, 30	8.7	22
82	Association of left ventricular function and acute kidney injury among ST-elevation myocardial infarction patients treated by primary percutaneous intervention. *American Journal of Cardiology*, **2015**, 115, 293-7	3	21
81	Environmental air pollution has decremental effects on pulmonary function test parameters up to one week after exposure. *American Journal of the Medical Sciences*, **2009**, 338, 273-9	2.2	21
80	Coronary Access After TAVR-in-TAVR as Evaluated by Multidetector Computed Tomography. *JACC: Cardiovascular Interventions*, **2020**, 13, 2528-2538	5	21
79	Long QT syndrome complicating atrioventricular block: arrhythmogenic effects of cardiac memory. *Circulation: Arrhythmia and Electrophysiology*, **2014**, 7, 1129-35	6.4	19
78	Clinical Frailty as an Outcome Predictor After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2018**, 121, 850-855	3	18
77	Impact of carotid atherosclerosis on the risk of adverse cardiac events in patients with and without coronary disease. *Stroke*, **2014**, 45, 2311-7	6.7	18
76	The development of anemia of inflammation during acute myocardial infarction. *International Journal of Cardiology*, **2012**, 156, 160-4	3.2	18

75	Efficacy and safety of new-generation transcatheter aortic valves: insights from the Israeli transcatheter aortic valve replacement registry. *Clinical Research in Cardiology*, **2019**, 108, 430-437	6.1	18
74	Long term prognosis of atrial fibrillation in ST-elevation myocardial infarction patients undergoing percutaneous coronary intervention. *International Journal of Cardiology*, **2017**, 240, 228-233	3.2	17
73	Pulmonary Hypertension: A Nomogram Based on CT Pulmonary Angiographic Data for Prediction in Patients without Pulmonary Embolism. *Radiology*, **2015**, 277, 236-46	20.5	16
72	Impact of Diabetes Mellitus and Hemoglobin A1C on Outcome After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2015**, 116, 1898-903	3	16
71	Norton scale for predicting prognosis in elderly patients undergoing trans-catheter aortic valve implantation: A historical prospective study. *Journal of Cardiology*, **2016**, 67, 519-25	3	16
70	Frequency of Angina Pectoris After Percutaneous Coronary Intervention and the Effect of Metallic Stent Type. *American Journal of Cardiology*, **2016**, 117, 526-531	3	16
69	Overview of the 2016 U.S. Food and Drug Administration Circulatory System Devices Advisory Panel Meeting on the Absorb Bioresorbable Vascular Scaffold System. *JACC: Cardiovascular Interventions*, **2016**, 9, 1757-64	5	16
68	Impact of routine manual aspiration thrombectomy on outcomes of patients undergoing primary percutaneous coronary intervention for acute myocardial infarction: A meta-analysis. *International Journal of Cardiology*, **2016**, 204, 189-95	3.2	15
67	Prevalence and predictors of carotid artery stenosis in patients with severe aortic stenosis undergoing transcatheter aortic valve implantation. *Catheterization and Cardiovascular Interventions*, **2014**, 84, 1007-12	2.7	15
66	Sex-based differences in prevalence and clinical presentation among pericarditis and myopericarditis patients. *American Journal of Emergency Medicine*, **2017**, 35, 201-205	2.9	15
65	Outcome of transcatheter aortic valve implantation in patients with low-gradient severe aortic stenosis and preserved left ventricular ejection fraction. *American Journal of Cardiology*, **2014**, 113, 348-54	3	14
64	Usefulness of urine output criteria for early detection of acute kidney injury after transcatheter aortic valve implantation. *CardioRenal Medicine*, **2014**, 4, 155-60	2.8	14
63	Micro-inflammatory changes in asymptomatic healthy adults during bouts of respiratory tract infections in the community: potential triggers for atherothrombotic events. *Atherosclerosis*, **2009**, 206, 270-5	3.1	13
62	Time to rheology in acute myocardial infarction: inflammation and erythrocyte aggregation as a consequence and not necessarily as precursors of the disease. *Clinical Research in Cardiology*, **2010**, 99, 651-6	6.1	13
61	Waist circumference as the predominant contributor to the micro-inflammatory response in the metabolic syndrome: a cross sectional study. *Journal of Inflammation*, **2010**, 7, 35	6.7	13
60	Forced diuresis with matched hydration during transcatheter aortic valve implantation for Reducing Acute Kidney Injury: a randomized, sham-controlled study (REDUCE-AKI). *European Heart Journal*, **2019**, 40, 3169-3178	9.5	12
59	Outcomes of Transfemoral Transcatheter Aortic Valve Implantation in Patients With Previous Coronary Bypass. *American Journal of Cardiology*, **2015**, 116, 431-5	3	12
58	Forced diuresis with matched hydration in reducing acute kidney injury during transcatheter aortic valve implantation (Reduce-AKI): study protocol for a randomized sham-controlled trial. *Trials*, **2014** , 15, 262	2.8	12

57	Comparison of 30-Day and Long-Term Outcomes and Hospital Complications Among Patients Aged . *American Journal of Cardiology*, **2017**, 119, 1897-1901	3	11
56	Comparison of the Efficacy and Safety of Orbital and Rotational Atherectomy in Calcified Narrowings in Patients Who Underwent Percutaneous Coronary Intervention. *American Journal of Cardiology*, **2018**, 121, 934-939	3	11
55	Comparison of Propensity Score-Matched Analysis of Acute Kidney Injury After Percutaneous Coronary Intervention With Transradial Versus Transfemoral Approaches. *American Journal of Cardiology*, **2017**, 119, 1507-1511	3	10
54	Does the new generation of drug-eluting stents render bare metal stents obsolete?. *Cardiovascular Revascularization Medicine*, **2017**, 18, 456-461	1.6	10
53	Embolic Protection Devices in Transcatheter Aortic Valve Replacement. *Circulation: Cardiovascular Interventions*, **2016**, 9, e003284	6	10
52	Aortic Stenosis with Severe Tricuspid Regurgitation: Comparative Study between Conservative Transcatheter Aortic Valve Replacement and Surgical Aortic Valve Replacement Combined With Tricuspid Repair. *Journal of the American Society of Echocardiography*, **2018**, 31, 1101-1108	5.8	10
51	Determinants of the erythrocyte sedimentation rate in the era of microinflammation: excluding subjects with elevated C-reactive protein levels. *American Journal of Clinical Pathology*, **2008**, 129, 486-91	1.9	10
50	Use of an ePTFE-covered nitinol self-expanding stent graft for the treatment off pre-closure device failure during transcatheter aortic valve replacement. *Cardiovascular Revascularization Medicine*, **2017**, 18, 128-132	1.6	9
49	Frequency, pattern, and cause of fever following transfemoral transcatheter aortic valve implantation. *American Journal of Cardiology*, **2014**, 113, 1001-5	3	9
48	Extracranial carotid artery stenosis and outcomes of patients undergoing transcatheter aortic valve replacement. *International Journal of Cardiology*, **2017**, 227, 278-283	3.2	9
47	Association between central venous pressure as assessed by echocardiography, left ventricular function and acute cardio-renal syndrome in patients with ST segment elevation myocardial infarction. *Clinical Research in Cardiology*, **2018**, 107, 937-944	6.1	8
46	Relation of in-hospital serum creatinine change patterns and outcomes among ST-segment elevation myocardial infarction patients undergoing primary percutaneous coronary intervention. *Clinical Cardiology*, **2015**, 38, 274-9	3.3	8
45	Anemia and inflammation have an additive value in risk stratification of patients undergoing coronary interventions. *Journal of Cardiovascular Medicine*, **2015**, 16, 106-11	1.9	8
44	Radiation dose of patients undergoing transcatheter aortic valve implantation: a comparison between Edwards SAPIEN XT and Medtronic CoreValve aortic valve prostheses. *Catheterization and Cardiovascular Interventions*, **2013**, 82, E578-82	2.7	8
43	Impact of preprocedural left ventricle hypertrophy and geometrical patterns on mortality following TAVR. *American Heart Journal*, **2020**, 220, 184-191	4.9	8
42	Utility of an additive frailty tests index score for mortality risk assessment following transcatheter aortic valve replacement. *American Heart Journal*, **2018**, 200, 11-16	4.9	7
41	Role of contractile reserve as a predictor of mortality in low-flow, low-gradient severe aortic stenosis following transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2019**, 93, 707-712	2.7	7
40	Safety outcomes of new versus old generation transcatheter aortic valves. *Catheterization and Cardiovascular Interventions*, **2019**, 94, E44-E53	2.7	7

39	Comparison of left ventricular function following first ST-segment elevation myocardial infarction treated with primary percutaneous coronary intervention in men versus women. *American Journal of Cardiology*, **2014**, 113, 1941-6	3	6
38	Outcomes of Transcatheter Aortic Valve Implantation in Patients With Low Versus Intermediate to High Surgical Risk. *American Journal of Cardiology*, **2019**, 123, 644-649	3	6
37	Relation of Clinical Presentation of Aortic Stenosis and Survival Following Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2019**, 123, 961-966	3	5
36	Environmental exposure to combustion-derived air pollution is associated with reduced functional capacity in apparently healthy individuals. *Clinical Research in Cardiology*, **2013**, 102, 583-91	6.1	5
35	Effect of Bleeding Risk on Type of Stent Used in Patients Presenting With Acute Coronary Syndrome. *American Journal of Cardiology*, **2017**, 120, 1272-1278	3	5
34	Echo Doppler Estimation of Pulmonary Capillary Wedge Pressure in Patients with Severe Aortic Stenosis. *Echocardiography*, **2015**, 32, 1492-7	1.5	5
33	The effect of ethnic origin on pulmonary prediction equations in a Jewish immigrant population. *Respiratory Medicine*, **2008**, 102, 919-26	4.6	5
32	Aortic regurgitation following transcatheter aortic valve replacement: Impact of preprocedural left ventricular diastolic filling patterns on late clinical outcomes. *Catheterization and Cardiovascular Interventions*, **2016**, 87, 1156-63	2.7	5
31	Sustained Elevation of Vascular Endothelial Growth Factor and Angiopoietin-2 Levels After Transcatheter Aortic Valve Replacement. *Canadian Journal of Cardiology*, **2016**, 32, 1454-1461	3.8	5
30	Effect of pacemaker implantation after transcatheter aortic valve replacement on long- and mid-term mortality. *Heart Rhythm*, **2021**, 18, 199-206	6.7	5
29	Correlates and Significance of Elevation of Cardiac Biomarkers Elevation Following Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2017**, 120, 850-856	3	4
28	Prognostic implications of small left atria on hospitalized patients. *European Heart Journal Cardiovascular Imaging*, **2019**, 20, 1051-1058	4.1	4
27	Effect of Statin Therapy and Long-Term Mortality Following Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2019**, 123, 1978-1982	3	4
26	Effectiveness and Safety of Transcatheter Aortic Valve Implantation in Patients With Aortic Stenosis and Variable Ejection Fractions (50%). *American Journal of Cardiology*, **2020**, 125, 583-588	3	4
25	Serial Echocardiographic Assessment of Left Ventricular Filling Pressure and Remodeling among ST-Segment Elevation Myocardial Infarction Patients Treated by Primary Percutaneous Intervention. *Journal of the American Society of Echocardiography*, **2016**, 29, 745-749	5.8	4
24	Impact of left ventricular filling parameters on outcome of patients undergoing trans-catheter aortic valve replacement. *European Heart Journal Cardiovascular Imaging*, **2017**, 18, 304-314	4.1	4
23	Accuracy of predicted orthogonal projection angles for valve deployment during transcatheter aortic valve replacement. *Journal of Cardiovascular Computed Tomography*, **2018**, 12, 398-403	2.8	4
22	Management and Outcome of Residual Aortic Regurgitation After Transcatheter Aortic Valve Implantation. *American Journal of Cardiology*, **2017**, 120, 632-639	3	3

21	Temporal trends in patient referral for Transcatheter aortic valve replacement and reasons for exclusion at a high-volume Center in the United States. *American Heart Journal*, **2018**, 196, 74-81	4.9	3
20	Prognostic Implications of Baseline Pulmonary Vascular Resistance Determined by Transthoracic Echocardiography Before Transcatheter Aortic Valve Replacement. *Journal of the American Society of Echocardiography*, **2019**, 32, 737-743.e1	5.8	3
19	Association between C-reactive protein level and echocardiography assessed left ventricular function in first ST-segment elevation myocardial infarction patients who underwent primary coronary intervention. *Journal of Cardiology*, **2014**, 63, 402-8	3	3
18	Erythrocyte aggregation portends worse outcomes in unstable angina patients undergoing percutaneous coronary interventions. *Clinical Hemorheology and Microcirculation*, **2013**, 55, 213-21	2.5	3
17	Conivaptan for the treatment of hyponatremia. *Expert Review of Endocrinology and Metabolism*, **2010**, 5, 343-352	4.1	2
16	Pure hypertriglyceridemia might be associated with erectile dysfunction: a pilot study. *Journal of Sexual Medicine*, **2008**, 5, 1230-1236	1.1	2
15	Range and determinants of white blood cell count in a large survey of Israelis without inflammation. *Israel Medical Association Journal*, **2009**, 11, 363-6	0.9	2
14	Intraprocedural invasive hemodynamic parameters as predictors of short- and long-term outcomes in patients undergoing transcatheter aortic valve replacement. *Cardiovascular Revascularization Medicine*, **2018**, 19, 257-262	1.6	1
13	The AngelMed Guardian system: Is there a role for implantable devices for early detection of coronary artery occlusion?. *Cardiovascular Revascularization Medicine*, **2016**, 17, 522-527	1.6	1
12	High screen failure rate in patients with resistant hypertension: Findings from SYMPLICITY HTN-3. *American Heart Journal*, **2017**, 192, 76-84	4.9	1
11	Prognostic implication of right ventricular dysfunction and tricuspid regurgitation following transcatheter aortic valve replacement. *Catheterization and Cardiovascular Interventions*, **2021**, 98, E758-E767	2.7	1
10	Assessment of Kidney Function After Transcatheter Aortic Valve Replacement. *Canadian Journal of Kidney Health and Disease*, **2021**, 8, 20543581211018029	2.3	0
9	Comparison of permanent pacemaker implantation rate after first and second generation of transcatheter aortic valve implantation-A retrospective cohort study. *Catheterization and Cardiovascular Interventions*, **2021**, 98, E990-E999	2.7	0
8	Re-Appraisal of Echocardiographic Assessment in Patients with Pulmonary Embolism: Prospective Blinded Long-Term Follow-Up. *Israel Medical Association Journal*, **2020**, 11, 688-695	0.9	0
7	Impact of Valve Size on Paravalvular Leak and Valve Hemodynamics in Patients With Borderline Size Aortic Valve Annulus.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 847259	5.4	0
6	Ultrasound vs Angiography for Drug-Eluting Stent Implantation. *JAMA - Journal of the American Medical Association*, **2016**, 315, 2469	27.4	
5	Continuing Medical Education Activity in Echocardiography. *Echocardiography*, **2015**, 32, 1491-1491	1.5	
4	Prevalence of Common Thrombophilia and Antiphospholipid Antibodies in Unexplained Infertility Women Undergoing in Vitro Fertilization (IVF). *Blood*, **2012**, 120, 628-628	2.2	

3	Generational Differences in Outcomes of Self-Expanding Valves for Transcatheter Aortic Valve Replacement.. *Journal of Invasive Cardiology*, **2022**, 34, E326-E333	0.7
2	Neutrophil-to-Lymphocyte Ratio as a Prognostic Marker in Transcatheter Aortic Valve Implantation (TAVI) Patients.. *Israel Medical Association Journal*, **2022**, 24, 229-234	0.9
1	Local Anesthesia versus Conscious Sedation among Patients Undergoing Transcatheter Aortic Valve Implantation: A Propensity Score Analysis. *Journal of Clinical Medicine*, **2022**, 11, 3134	5.1