

# Arie Steinvil

## 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.

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	Impact of Valve Size on Paravalvular Leak and Valve Hemodynamics in Patients With Borderline Size Aortic Valve Annulus.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 847259	5.4	0
109	Generational Differences in Outcomes of Self-Expanding Valves for Transcatheter Aortic Valve Replacement.. <i>Journal of Invasive Cardiology</i> , <b>2022</b> , 34, E326-E333	0.7	
108	Neutrophil-to-Lymphocyte Ratio as a Prognostic Marker in Transcatheter Aortic Valve Implantation (TAVI) Patients.. <i>Israel Medical Association Journal</i> , <b>2022</b> , 24, 229-234	0.9	
107	Local Anesthesia versus Conscious Sedation among Patients Undergoing Transcatheter Aortic Valve Implantation: A Propensity Score Analysis. <i>Journal of Clinical Medicine</i> , <b>2022</b> , 11, 3134	5.1	
106	Prognostic implication of right ventricular dysfunction and tricuspid regurgitation following transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, E758-E767	2.7	1
105	Effect of pacemaker implantation after transcatheter aortic valve replacement on long- and mid-term mortality. <i>Heart Rhythm</i> , <b>2021</b> , 18, 199-206	6.7	5
104	Assessment of Kidney Function After Transcatheter Aortic Valve Replacement. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2021</b> , 8, 20543581211018029	2.3	0
103	Comparison of permanent pacemaker implantation rate after first and second generation of transcatheter aortic valve implantation-A retrospective cohort study. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, E990-E999	2.7	0
102	Impact of preprocedural left ventricle hypertrophy and geometrical patterns on mortality following TAVR. <i>American Heart Journal</i> , <b>2020</b> , 220, 184-191	4.9	8
101	Effectiveness and Safety of Transcatheter Aortic Valve Implantation in Patients With Aortic Stenosis and Variable Ejection Fractions (50%). <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 583-588	3	4
100	Coronary Access After TAVR-in-TAVR as Evaluated by Multidetector Computed Tomography. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 2528-2538	5	21
99	Re-Appraisal of Echocardiographic Assessment in Patients with Pulmonary Embolism: Prospective Blinded Long-Term Follow-Up. <i>Israel Medical Association Journal</i> , <b>2020</b> , 11, 688-695	0.9	0
98	Relation of Clinical Presentation of Aortic Stenosis and Survival Following Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 961-966	3	5
97	Prognostic implications of small left atria on hospitalized patients. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 1051-1058	4.1	4
96	Forced diuresis with matched hydration during transcatheter aortic valve implantation for Reducing Acute Kidney Injury: a randomized, sham-controlled study (REDUCE-AKI). <i>European Heart Journal</i> , <b>2019</b> , 40, 3169-3178	9.5	12
95	Effect of Statin Therapy and Long-Term Mortality Following Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 1978-1982	3	4
94	Prognostic Implications of Baseline Pulmonary Vascular Resistance Determined by Transthoracic Echocardiography Before Transcatheter Aortic Valve Replacement. <i>Journal of the American Society of Echocardiography</i> , <b>2019</b> , 32, 737-743.e1	5.8	3

93	Outcomes of Transcatheter Aortic Valve Implantation in Patients With Low Versus Intermediate to High Surgical Risk. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 644-649	3	6
92	Efficacy and safety of new-generation transcatheter aortic valves: insights from the Israeli transcatheter aortic valve replacement registry. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 430-437	6.1	18
91	Role of contractile reserve as a predictor of mortality in low-flow, low-gradient severe aortic stenosis following transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2019</b> , 93, 707-712	2.7	7
90	Safety outcomes of new versus old generation transcatheter aortic valves. <i>Catheterization and Cardiovascular Interventions</i> , <b>2019</b> , 94, E44-E53	2.7	7
89	Utility of Invasive Electrophysiology Studies in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 1351-1357	3	22
88	Comparison of the Efficacy and Safety of Orbital and Rotational Atherectomy in Calcified Narrowings in Patients Who Underwent Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 934-939	3	11
87	Utility of an additive frailty tests index score for mortality risk assessment following transcatheter aortic valve replacement. <i>American Heart Journal</i> , <b>2018</b> , 200, 11-16	4.9	7
86	Clinical Frailty as an Outcome Predictor After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 850-855	3	18
85	Temporal trends in patient referral for Transcatheter aortic valve replacement and reasons for exclusion at a high-volume Center in the United States. <i>American Heart Journal</i> , <b>2018</b> , 196, 74-81	4.9	3
84	Intraprocedural invasive hemodynamic parameters as predictors of short- and long-term outcomes in patients undergoing transcatheter aortic valve replacement. <i>Cardiovascular Revascularization Medicine</i> , <b>2018</b> , 19, 257-262	1.6	1
83	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. <i>Clinical Research in Cardiology</i> , <b>2018</b> , 107, 937-944	6.1	8
82	Aortic Stenosis with Severe Tricuspid Regurgitation: Comparative Study between Conservative Transcatheter Aortic Valve Replacement and Surgical Aortic Valve Replacement Combined With Tricuspid Repair. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 1101-1108	5.8	10
81	Accuracy of predicted orthogonal projection angles for valve deployment during transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 398-403	2.8	4
80	Choice of Balloon-Expandable Versus Self-Expanding Transcatheter Aortic Valve Impacts Hemodynamics Differently According to Aortic Annular Size. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 900-904	3	24
79	Comparison of Propensity Score-Matched Analysis of Acute Kidney Injury After Percutaneous Coronary Intervention With Transradial Versus Transfemoral Approaches. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1507-1511	3	10
78	Contemporary transcatheter aortic valve replacement with third-generation balloon-expandable versus self-expanding devices. <i>Journal of Interventional Cardiology</i> , <b>2017</b> , 30, 356-361	1.8	34
77	Use of an ePTFE-covered nitinol self-expanding stent graft for the treatment off pre-closure device failure during transcatheter aortic valve replacement. <i>Cardiovascular Revascularization Medicine</i> , <b>2017</b> , 18, 128-132	1.6	9
76	Correlates and Significance of Elevation of Cardiac Biomarkers Elevation Following Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 850-856	3	4

75	Does the new generation of drug-eluting stents render bare metal stents obsolete?. <i>Cardiovascular Revascularization Medicine</i> , <b>2017</b> , 18, 456-461	1.6	10
74	Comparison of 30-Day and Long-Term Outcomes and Hospital Complications Among Patients Aged . <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1897-1901	3	11
73	Long term prognosis of atrial fibrillation in ST-elevation myocardial infarction patients undergoing percutaneous coronary intervention. <i>International Journal of Cardiology</i> , <b>2017</b> , 240, 228-233	3.2	17
72	Management and Outcome of Residual Aortic Regurgitation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 632-639	3	3
71	Effect of Bleeding Risk on Type of Stent Used in Patients Presenting With Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1272-1278	3	5
70	High screen failure rate in patients with resistant hypertension: Findings from SYMPLICITY HTN-3. <i>American Heart Journal</i> , <b>2017</b> , 192, 76-84	4.9	1
69	Sex-based differences in prevalence and clinical presentation among pericarditis and myopericarditis patients. <i>American Journal of Emergency Medicine</i> , <b>2017</b> , 35, 201-205	2.9	15
68	Comparison of the Edwards SAPIEN S3 Versus Medtronic Evolut-R Devices for Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 302-307	3	40
67	Extracranial carotid artery stenosis and outcomes of patients undergoing transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 278-283	3.2	9
66	Impact of left ventricular filling parameters on outcome of patients undergoing trans-catheter aortic valve replacement. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 304-314	4.1	4
65	The AngelMed Guardian system: Is there a role for implantable devices for early detection of coronary artery occlusion?. <i>Cardiovascular Revascularization Medicine</i> , <b>2016</b> , 17, 522-527	1.6	1
64	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. <i>International Journal of Cardiology</i> , <b>2016</b> , 215, 227-231	3.2	29
63	Ultrasound vs Angiography for Drug-Eluting Stent Implantation. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 2469	27.4	
62	Impact of routine manual aspiration thrombectomy on outcomes of patients undergoing primary percutaneous coronary intervention for acute myocardial infarction: A meta-analysis. <i>International Journal of Cardiology</i> , <b>2016</b> , 204, 189-95	3.2	15
61	Norton scale for predicting prognosis in elderly patients undergoing trans-catheter aortic valve implantation: A historical prospective study. <i>Journal of Cardiology</i> , <b>2016</b> , 67, 519-25	3	16
60	Acute kidney injury among ST elevation myocardial infarction patients treated by primary percutaneous coronary intervention: a multifactorial entity. <i>Journal of Nephrology</i> , <b>2016</b> , 29, 169-174	4.8	43
59	Embolic Protection Devices in Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9, e003284	6	10
58	Frequency of Angina Pectoris After Percutaneous Coronary Intervention and the Effect of Metallic Stent Type. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 526-531	3	16

57	Aortic regurgitation following transcatheter aortic valve replacement: Impact of preprocedural left ventricular diastolic filling patterns on late clinical outcomes. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 1156-63	2.7	5
56	Serial Echocardiographic Assessment of Left Ventricular Filling Pressure and Remodeling among ST-Segment Elevation Myocardial Infarction Patients Treated by Primary Percutaneous Intervention. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 745-749	5.8	4
55	Intravascular ultrasound-guided drug-eluting stent implantation: An updated meta-analysis of randomized control trials and observational studies. <i>International Journal of Cardiology</i> , <b>2016</b> , 216, 133-9 <sup>3.2</sup>		55
54	Overview of the 2016 U.S. Food and Drug Administration Circulatory System Devices Advisory Panel Meeting on the Absorb Bioresorbable Vascular Scaffold System. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 1757-64	5	16
53	Sustained Elevation of Vascular Endothelial Growth Factor and Angiopoietin-2 Levels After Transcatheter Aortic Valve Replacement. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 1454-1461	3.8	5
52	Outcomes of Transfemoral Transcatheter Aortic Valve Implantation in Patients With Previous Coronary Bypass. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 431-5	3	12
51	High sensitive C-reactive protein and the risk of acute kidney injury among ST elevation myocardial infarction patients undergoing primary percutaneous intervention. <i>Clinical and Experimental Nephrology</i> , <b>2015</b> , 19, 838-43	2.5	32
50	Diagnostic value of T-wave morphology changes during "QT stretching" in patients with long QT syndrome. <i>Heart Rhythm</i> , <b>2015</b> , 12, 2263-71	6.7	28
49	Pulmonary Hypertension: A Nomogram Based on CT Pulmonary Angiographic Data for Prediction in Patients without Pulmonary Embolism. <i>Radiology</i> , <b>2015</b> , 277, 236-46	20.5	16
48	Acute Cardio-Renal Syndrome as a Cause for Renal Deterioration Among Myocardial Infarction Patients Treated With Primary Percutaneous Intervention. <i>Canadian Journal of Cardiology</i> , <b>2015</b> , 31, 1240-4 <sup>3.8</sup>		30
47	Outcomes of Patients at Estimated Low, Intermediate, and High Risk Undergoing Transcatheter Aortic Valve Implantation for Aortic Stenosis. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 1916-22	3	35
46	Impact of Diabetes Mellitus and Hemoglobin A1C on Outcome After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 1898-903	3	16
45	Vascular complications after transcatheter aortic valve implantation and their association with mortality reevaluated by the valve academic research consortium definitions. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 100-6	3	45
44	Relation of in-hospital serum creatinine change patterns and outcomes among ST-segment elevation myocardial infarction patients undergoing primary percutaneous coronary intervention. <i>Clinical Cardiology</i> , <b>2015</b> , 38, 274-9	3.3	8
43	Continuing Medical Education Activity in Echocardiography. <i>Echocardiography</i> , <b>2015</b> , 32, 1491-1491	1.5	
42	Anemia and inflammation have an additive value in risk stratification of patients undergoing coronary interventions. <i>Journal of Cardiovascular Medicine</i> , <b>2015</b> , 16, 106-11	1.9	8
41	Admission Glucose Levels and the Risk of Acute Kidney Injury in Nondiabetic ST Segment Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. <i>CardioRenal Medicine</i> , <b>2015</b> , 5, 191-8	2.8	25
40	Association of admission hemoglobin levels and acute kidney injury among myocardial infarction patients treated with primary percutaneous intervention. <i>Canadian Journal of Cardiology</i> , <b>2015</b> , 31, 50-5 <sup>3.8</sup>		28

39	Echo Doppler Estimation of Pulmonary Capillary Wedge Pressure in Patients with Severe Aortic Stenosis. <i>Echocardiography</i> , <b>2015</b> , 32, 1492-7	1.5	5
38	Association of left ventricular function and acute kidney injury among ST-elevation myocardial infarction patients treated by primary percutaneous intervention. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 293-7	3	21
37	Periprocedural bleeding, acute kidney injury, and long-term mortality after transcatheter aortic valve implantation. <i>Canadian Journal of Cardiology</i> , <b>2015</b> , 31, 56-62	3.8	37
36	Prevalence and predictors of carotid artery stenosis in patients with severe aortic stenosis undergoing transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 84, 1007-12	2.7	15
35	Life-threatening events during endurance sports: is heat stroke more prevalent than arrhythmic death?. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 463-9	15.1	68
34	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. <i>Trials</i> , <b>2014</b> , 15, 262	2.8	12
33	Relation of time to coronary reperfusion and the development of acute kidney injury after ST-segment elevation myocardial infarction. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1131-5	3	22
32	Frequency, pattern, and cause of fever following transfemoral transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1001-5	3	9
31	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. <i>Journal of Cardiology</i> , <b>2014</b> , 63, 402-8	3	3
30	Outcome of transcatheter aortic valve implantation in patients with low-gradient severe aortic stenosis and preserved left ventricular ejection fraction. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 348-54	3.4	14
29	Usefulness of urine output criteria for early detection of acute kidney injury after transcatheter aortic valve implantation. <i>CardioRenal Medicine</i> , <b>2014</b> , 4, 155-60	2.8	14
28	Atrial fibrillation, stroke, and mortality rates after transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1861-6	3	35
27	Long QT syndrome complicating atrioventricular block: arrhythmogenic effects of cardiac memory. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2014</b> , 7, 1129-35	6.4	19
26	Impact of carotid atherosclerosis on the risk of adverse cardiac events in patients with and without coronary disease. <i>Stroke</i> , <b>2014</b> , 45, 2311-7	6.7	18
25	Comparison of left ventricular function following first ST-segment elevation myocardial infarction treated with primary percutaneous coronary intervention in men versus women. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1941-6	3	6
24	Hemodynamic impact and outcome of permanent pacemaker implantation following transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 132-7	3	49
23	Comparison of outcomes in patients $\leq 85$ versus $>85$ years of age undergoing transcatheter aortic-valve implantation. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 138-41	3	24
22	Environmental exposure to combustion-derived air pollution is associated with reduced functional capacity in apparently healthy individuals. <i>Clinical Research in Cardiology</i> , <b>2013</b> , 102, 583-91	6.1	5



21	Usefulness of updated valve academic research consortium-2 criteria for acute kidney injury following transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 1807-11	3	27
20	Erythrocyte aggregation portends worse outcomes in unstable angina patients undergoing percutaneous coronary interventions. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 213-21	2.5	3
19	Radiation dose of patients undergoing transcatheter aortic valve implantation: a comparison between Edwards SAPIEN XT and Medtronic CoreValve aortic valve prostheses. <i>Catheterization and Cardiovascular Interventions</i> , <b>2013</b> , 82, E578-82	2.7	8
18	Association of common thrombophilias and antiphospholipid antibodies with success rate of in vitro fertilisation. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 1192-7	7	32
17	The development of anemia of inflammation during acute myocardial infarction. <i>International Journal of Cardiology</i> , <b>2012</b> , 156, 160-4	3.2	18
16	Prevalence of Common Thrombophilia and Antiphospholipid Antibodies in Unexplained Infertility Women Undergoing in Vitro Fertilization (IVF). <i>Blood</i> , <b>2012</b> , 120, 628-628	2.2	
15	Prevalence and predictors of concomitant carotid and coronary artery atherosclerotic disease. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 779-83	15.1	108
14	Mandatory electrocardiographic screening of athletes to reduce their risk for sudden death proven fact or wishful thinking?. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 1291-6	15.1	215
13	Vitamin D deficiency prevalence and cardiovascular risk in Israel. <i>European Journal of Clinical Investigation</i> , <b>2011</b> , 41, 263-8	4.6	32
12	Conivaptan for the treatment of hyponatremia. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2010</b> , 5, 343-352	4.1	2
11	Time to rheology in acute myocardial infarction: inflammation and erythrocyte aggregation as a consequence and not necessarily as precursors of the disease. <i>Clinical Research in Cardiology</i> , <b>2010</b> , 99, 651-6	6.1	13
10	The association of higher levels of within-normal-limits liver enzymes and the prevalence of the metabolic syndrome. <i>Cardiovascular Diabetology</i> , <b>2010</b> , 9, 30	8.7	22
9	Waist circumference as the predominant contributor to the micro-inflammatory response in the metabolic syndrome: a cross sectional study. <i>Journal of Inflammation</i> , <b>2010</b> , 7, 35	6.7	13
8	Micro-inflammatory changes in asymptomatic healthy adults during bouts of respiratory tract infections in the community: potential triggers for atherothrombotic events. <i>Atherosclerosis</i> , <b>2009</b> , 206, 270-5	3.1	13
7	Environmental air pollution has decremental effects on pulmonary function test parameters up to one week after exposure. <i>American Journal of the Medical Sciences</i> , <b>2009</b> , 338, 273-9	2.2	21
6	Range and determinants of white blood cell count in a large survey of Israelis without inflammation. <i>Israel Medical Association Journal</i> , <b>2009</b> , 11, 363-6	0.9	2
5	Relation of educational level to inflammation-sensitive biomarker level. <i>American Journal of Cardiology</i> , <b>2008</b> , 102, 1034-9	3	26
4	Pure hypertriglyceridemia might be associated with erectile dysfunction: a pilot study. <i>Journal of Sexual Medicine</i> , <b>2008</b> , 5, 1230-1236	1.1	2

3	The effect of ethnic origin on pulmonary prediction equations in a Jewish immigrant population. <i>Respiratory Medicine</i> , <b>2008</b> , 102, 919-26	4.6	5
2	Short-term exposure to air pollution and inflammation-sensitive biomarkers. <i>Environmental Research</i> , <b>2008</b> , 106, 51-61	7.9	74
1	Determinants of the erythrocyte sedimentation rate in the era of microinflammation: excluding subjects with elevated C-reactive protein levels. <i>American Journal of Clinical Pathology</i> , <b>2008</b> , 129, 486-91	1.9	10