Arie Steinvil

List of Publications by Year
in descending order

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115 papers	2,635 citations	172386 29 h-index	233338 45 g-index
121 all docs	121 docs citations	121 times ranked	4255 citing authors

#	Article	IF	Citations
1	Mandatory Electrocardiographic Screening of Athletes to Reduce Their Risk for Sudden Death. Journal of the American College of Cardiology, 2011, 57, 1291-1296.	1.2	277
2	Prevalence and Predictors of Concomitant Carotid and Coronary Artery Atherosclerotic Disease. Journal of the American College of Cardiology, 2011, 57, 779-783.	1.2	129
3	Life-Threatening Events During Endurance Sports. Journal of the American College of Cardiology, 2014, 64, 463-469.	1.2	87
4	Short-term exposure to air pollution and inflammation-sensitive biomarkers. Environmental Research, 2008, 106, 51-61.	3.7	85
5	Intravascular ultrasound-guided drug-eluting stent implantation: An updated meta-analysis of randomized control trials and observational studies. International Journal of Cardiology, 2016, 216, 133-139.	0.8	73
6	Coronary Access After TAVR-in-TAVR as Evaluated by Multidetector Computed Tomography. JACC: Cardiovascular Interventions, 2020, 13, 2528-2538.	1.1	65
7	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.	0.9	62
8	Hemodynamic Impact and Outcome of Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2014, 113, 132-137.	0.7	60
9	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, 100-106.	0.7	57
10	Comparison of the Edwards SAPIEN S3 Versus Medtronic Evolut-R Devices for Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2017, 119, 302-307.	0.7	52
11	Atrial Fibrillation, Stroke, and Mortality Rates After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2014, 114, 1861-1866.	0.7	45
12	Periprocedural Bleeding, Acute Kidney Injury, and Long-term Mortality After Transcatheter Aortic Valve Implantation. Canadian Journal of Cardiology, 2015, 31, 56-62.	0.8	45
13	Association of common thrombophilias and antiphospholipid antibodies with success rate of in vitro fertilisation. Thrombosis and Haemostasis, 2012, 108, 1192-1197.	1.8	44
14	Outcomes of Patients at Estimated Low, Intermediate, and High Risk Undergoing Transcatheter Aortic Valve Implantation for Aortic Stenosis. American Journal of Cardiology, 2015, 116, 1916-1922.	0.7	43
15	Clinical Frailty as an Outcome Predictor After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2018, 121, 850-855.	0.7	43
16	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.	0.7	41
17	Vitamin D deficiency prevalence and cardiovascular risk in Israel. European Journal of Clinical Investigation, 2011, 41, 263-268.	1.7	40
18	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, 838-843.	0.7	40

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19	Contemporary transcatheter aortic valve replacement with thirdâ€generation balloonâ€expandable versus selfâ€expanding devices. Journal of Interventional Cardiology, 2017, 30, 356-361.	0.5	40
20	Utility of Invasive Electrophysiology Studies in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2018, 121, 1351-1357.	0.7	40
21	Diagnostic value of T-wave morphology changes during â€œQT stretchingâ€•in patients with long QT syndrome. Heart Rhythm, 2015, 12, 2263-2271.	0.3	38
22	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, 1240-1244.	0.8	37
23	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, 227-231.	0.8	36
24	Relation of Educational Level to Inflammation-Sensitive Biomarker Level. American Journal of Cardiology, 2008, 102, 1034-1039.	0.7	34
25	Usefulness of Updated Valve Academic Research Consortiumâ€“2 Criteria for Acute Kidney Injury Following Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2013, 112, 1807-1811.	0.7	33
26	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, 191-198.	0.7	33
27	Comparison of Outcomes in Patients â‰85 Versus >85ÂYears of Age Undergoing Transcatheter Aortic-Valve Implantation. American Journal of Cardiology, 2014, 113, 138-141.	0.7	32
28	Association of Admission Hemoglobin Levels and Acute Kidney Injury Among Myocardial Infarction Patients Treated With Primary Percutaneous Intervention. Canadian Journal of Cardiology, 2015, 31, 50-55.	0.8	32
29	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.	1.5	30
30	Pulmonary Hypertension: A Nomogram Based on CT Pulmonary Angiographic Data for Prediction in Patients without Pulmonary Embolism. Radiology, 2015, 277, 236-246.	3.6	29
31	The association of higher levels of within-normal-limits liver enzymes and the prevalence of the metabolic syndrome. Cardiovascular Diabetology, 2010, 9, 30.	2.7	28
32	Norton scale for predicting prognosis in elderly patients undergoing trans-catheter aortic valve implantation: A historical prospective study. Journal of Cardiology, 2016, 67, 519-525.	0.8	27
33	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.	1.0	27
34	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, 273-279.	0.4	26
35	Long QT Syndrome Complicating Atrioventricular Block. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 1129-1135.	2.1	26
36	Sex-based differences in prevalence and clinical presentation among pericarditis and myopericarditis patients. American Journal of Emergency Medicine, 2017, 35, 201-205.	0.7	26

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37	Impact of Carotid Atherosclerosis on the Risk of Adverse Cardiac Events in Patients With and Without Coronary Disease. Stroke, 2014, 45, 2311-2317.	1.0	24
38	Prevalence and predictors of carotid artery stenosis in patients with severe aortic stenosis undergoing transcatheter aortic valve implantation. Catheterization and Cardiovascular Interventions, 2014, 84, 1007-1012.	0.7	24
39	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, 1757-1764.	1.1	24
40	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, 1131-1135.	0.7	23
41	Long term prognosis of atrial fibrillation in ST-elevation myocardial infarction patients undergoing percutaneous coronary intervention. International Journal of Cardiology, 2017, 240, 228-233.	0.8	23
42	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, 293-297.	0.7	21
43	Impact of Diabetes Mellitus and Hemoglobin A1C on Outcome After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2015, 116, 1898-1903.	0.7	21
44	The development of anemia of inflammation during acute myocardial infarction. International Journal of Cardiology, 2012, 156, 160-164.	0.8	20
45	Frequency of Angina Pectoris After Percutaneous Coronary Intervention and the Effect of Metallic Stent Type. American Journal of Cardiology, 2016, 117, 526-531.	0.7	20
46	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, 348-354.	0.7	18
47	Utility of an additive frailty tests index score for mortality risk assessment following transcatheter aortic valve replacement. American Heart Journal, 2018, 200, 11-16.	1.2	17
48	Usefulness of Urine Output Criteria for Early Detection of Acute Kidney Injury after Transcatheter Aortic Valve Implantation. CardioRenal Medicine, 2014, 4, 155-160.	0.7	16
49	Effect of pacemaker implantation after transcatheter aortic valve replacement on long- and mid-term mortality. Heart Rhythm, 2021, 18, 199-206.	0.3	16
50	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.	1.5	15
51	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.	0.7	15
52	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, 189-195.	0.8	15
53	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.	0.3	15
54	Outcomes of Transfemoral Transcatheter Aortic Valve Implantation in Patients With Previous Coronary Bypass. American Journal of Cardiology, 2015, 116, 431-435.	0.7	14

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55	Extracranial carotid artery stenosis and outcomes of patients undergoing transcatheter aortic valve replacement. International Journal of Cardiology, 2017, 227, 278-283.	0.8	14
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.	0.7	14
57	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.	1.5	14
58	Micro-inflammatory changes in asymptomatic healthy adults during bouts of respiratory tract infections in the community: Potential triggers for atherothrombotic events. Atherosclerosis, 2009, 206, 270-275.	0.4	13
59	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, 651-656.	1.5	13
60	Comparison of 30-Day and Long-Term Outcomes and Hospital Complications Among Patients Aged <75 Versus â‰¥75ÂYears With ST-Elevation Myocardial Infarction Undergoing Percutaneous Coronary Intervention. American Journal of Cardiology, 2017, 119, 1897-1901.	0.7	13
61	Safety outcomes of new versus old generation transcatheter aortic valves. Catheterization and Cardiovascular Interventions, 2018, 94, E44-E53.	0.7	13
62	Frequency, Pattern, and Cause of Fever Following Transfemoral Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2014, 113, 1001-1005.	0.7	12
63	Embolic Protection Devices in Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2016, 9, e003284.	1.4	12
64	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.	1.2	12
65	Role of contractile reserve as a predictor of mortality in lowâ€flow, lowâ€gradient severe aortic stenosis following transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2019, 93, 707-712.	0.7	12
66	Impact of preprocedural left ventricle hypertrophy and geometrical patterns on mortality following TAVR. American Heart Journal, 2020, 220, 184-191.	1.2	12
67	Determinants of the Erythrocyte Sedimentation Rate in the Era of Microinflammation. American Journal of Clinical Pathology, 2008, 129, 486-491.	0.4	11
68	Comparison of Propensity Scoreâ€“Matched Analysis of Acute Kidney Injury After Percutaneous Coronary Intervention With Transradial Versus Transfemoral Approaches. American Journal of Cardiology, 2017, 119, 1507-1511.	0.7	11
69	Does the new generation of drug-eluting stents render bare metal stents obsolete?. Cardiovascular Revascularization Medicine, 2017, 18, 456-461.	0.3	11
70	Effectiveness and Safety of Transcatheter Aortic Valve Implantation in Patients With Aortic Stenosis and Variable Ejection Fractions (<40%, 40%-49%, and >50%). American Journal of Cardiology, 2020, 125, 583-588.	0.7	10
71	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.	0.7	9
72	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, 1941-1946.	0.7	9

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73	Relation of Inâ€hospital Serum Creatinine Change Patterns and Outcomes Among <scp>ST</scp>â€Segment Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. Clinical Cardiology, 2015, 38, 274-279.	0.7	9
74	Anemia and inflammation have an additive value in risk stratification of patients undergoing coronary interventions. Journal of Cardiovascular Medicine, 2015, 16, 106-111.	0.6	9
75	In-Stent Restenosis?. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	9
76	Correlates and Significance of Elevation of Cardiac Biomarkers Elevation Following Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2017, 120, 850-856.	0.7	9
77	Outcomes of Transcatheter Aortic Valve Implantation in Patients With Low Versus Intermediate to High Surgical Risk. American Journal of Cardiology, 2019, 123, 644-649.	0.7	9
78	Effect of Statin Therapy and Long-Term Mortality Following Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2019, 123, 1978-1982.	0.7	8
79	Pure Hypertriglyceridemia Might be Associated with Erectile Dysfunction: A Pilot Study. Journal of Sexual Medicine, 2008, 5, 1230-1236.	0.3	7
80	Echo Doppler Estimation of Pulmonary Capillary Wedge Pressure in Patients with Severe Aortic Stenosis. Echocardiography, 2015, 32, 1492-1497.	0.3	6
81	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, 1156-1163.	0.7	6
82	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.	1.2	6
83	Sustained Elevation of Vascular Endothelial Growth Factor and Angiopoietin-2 Levels After Transcatheter Aortic Valve Replacement. Canadian Journal of Cardiology, 2016, 32, 1454-1461.	0.8	6
84	Pre-Transcatheter Aortic Valve Replacement Right Bundle Branch Block. JACC: Cardiovascular Interventions, 2017, 10, 1575-1577.	1.1	6
85	Effect of Bleeding Risk on Type of Stent Used in Patients Presenting With Acute Coronary Syndrome. American Journal of Cardiology, 2017, 120, 1272-1278.	0.7	6
86	Accuracy of predicted orthogonal projection angles for valve deployment during transcatheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2018, 12, 398-403.	0.7	6
87	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.	1.2	6
88	Relation of Clinical Presentation of Aortic Stenosis and Survival Following Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2019, 123, 961-966.	0.7	6
89	Prognostic implication of right ventricular dysfunction and tricuspid regurgitation following transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2021, 98, E758-E767.	0.7	6
90	The effect of ethnic origin on pulmonary prediction equations in a Jewish immigrant population. Respiratory Medicine, 2008, 102, 919-926.	1.3	5

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91	Environmental exposure to combustion-derived air pollution is associated with reduced functional capacity in apparently healthy individuals. Clinical Research in Cardiology, 2013, 102, 583-591.	1.5	5
92	Conivaptan for the treatment of hyponatremia. Expert Review of Endocrinology and Metabolism, 2010, 5, 343-352.	1.2	4
93	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, 402-408.	0.8	4
94	Impact of left ventricular filling parameters on outcome of patients undergoing trans-catheter aortic valve replacement. European Heart Journal Cardiovascular Imaging, 2016, 18, jew097.	0.5	4
95	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.	1.2	4
96	Prognostic implications of small left atria on hospitalized patients. European Heart Journal Cardiovascular Imaging, 2019, 20, 1051-1058.	0.5	4
97	Erythrocyte aggregation portends worse outcomes in unstable angina patients undergoing percutaneous coronary interventions. Clinical Hemorheology and Microcirculation, 2013, 55, 213-221.	0.9	3
98	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.	0.3	3
99	Management and Outcome of Residual Aortic Regurgitation After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2017, 120, 632-639.	0.7	3
100	High screen failure rate in patients with resistant hypertension: Findings from SYMPLICITY HTN-3. American Heart Journal, 2017, 192, 76-84.	1.2	3
101	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.	0.3	3
102	Comparison of permanent pacemaker implantation rate after first and second generation of transcatheter aortic valve implantationâ€“A retrospective cohort study. Catheterization and Cardiovascular Interventions, 2021, 98, E990-E999.	0.7	3
103	Range and determinants of white blood cell count in a large survey of Israelis without inflammation. Israel Medical Association Journal, 2009, 11, 363-6.	0.1	3
104	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.	1.1	2
105	Assessment of Kidney Function After Transcatheter Aortic Valve Replacement. Canadian Journal of Kidney Health and Disease, 2021, 8, 205435812110180.	0.6	1
106	Re-Appraisal of Echocardiographic Assessment in Patients with Pulmonary Embolism: Prospective Blinded Long-Term Follow-Up. Israel Medical Association Journal, 2020, 11, 688-695.	0.1	1
107	Neutrophil-to-Lymphocyte Ratio as a Prognostic Marker in Transcatheter Aortic Valve Implantation (TAVI) Patients.. Israel Medical Association Journal, 2022, 24, 229-234.	0.1	1
108	Continuing Medical Education Activity inEchocardiography. Echocardiography, 2015, 32, 1491-1491.	0.3	0

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109	Drugâ€Coated Balloons: Seeking a Niche in the Treatment of Coronary Artery Disease. Journal of Interventional Cardiology, 2016, 29, 480-482.	0.5	0
110	Ultrasound vs Angiography for Drug-Eluting Stent Implantation. JAMA - Journal of the American Medical Association, 2016, 315, 2469.	3.8	0
111	Does the removal of the temporary pacer wire for BAV and TAVR really simplify the procedure?. Catheterization and Cardiovascular Interventions, 2017, 89, 787-788.	0.7	0
112	P1276 Excess mortality associated with atrial fibrillation complicating tricuspid regurgitation. European Heart Journal Cardiovascular Imaging, 2020, 21, .	0.5	0
113	Prevalence of Common Thrombophilia and Antiphospholipid Antibodies in Unexplained Infertility Women Undergoing in Vitro Fertilization (IVF). Blood, 2012, 120, 628-628.	0.6	0
114	Generational Differences in Outcomes of Self-Expanding Valves for Transcatheter Aortic Valve Replacement.. Journal of Invasive Cardiology, 2022, 34, E326-E333.	0.4	0
115	Local Anesthesia versus Conscious Sedation among Patients Undergoing Transcatheter Aortic Valve Implantationâ€"A Propensity Score Analysis. Journal of Clinical Medicine, 2022, 11, 3134.	1.0	0