Roy Beigel

List of Publications by Year
in descending order

97 papers	2,345 citations	304701 22 h-index	223791 46 g-index
100 all docs	100 docs citations	100 times ranked	3768 citing authors

#	Article	IF	Citations
1	The Left Atrial Appendage: Anatomy, Function, and Noninvasive Evaluation. JACC: Cardiovascular Imaging, 2014, 7, 1251-1265.	5.3	377
2	Prediction of the Localization of High-Risk Coronary Atherosclerotic Plaques on the Basis of Low Endothelial Shear Stress. Circulation, 2008, 117, 993-1002.	1.6	346
3	Noninvasive Evaluation of Right Atrial Pressure. Journal of the American Society of Echocardiography, 2013, 26, 1033-1042.	2.8	196
4	Augmented Expression and Activity of Extracellular Matrix-Degrading Enzymes in Regions of Low Endothelial Shear Stress Colocalize With Coronary Atheromata With Thin Fibrous Caps in Pigs. Circulation, 2011, 123, 621-630.	1.6	142
5	Percutaneous Interventions for Left Atrial Appendage Exclusion. JACC: Cardiovascular Imaging, 2015, 8, 472-488.	5.3	130
6	Machine learning for prediction of 30-day mortality after ST elevation myocardial infraction: An Acute Coronary Syndrome Israeli Survey data mining study. International Journal of Cardiology, 2017, 246, 7-13.	1.7	77
7	Management of Mitral Stenosis Using 2DÂandÂ3DÂEcho-DopplerÂImaging. JACC: Cardiovascular Imaging, 2013, 6, 1191-1205.	5.3	63
8	Regulation of heparanase expression in coronary artery disease in diabetic, hyperlipidemic swine. Atherosclerosis, 2010, 213, 436-442.	0.8	53
9	Short-Term Sibutramine Therapy Is Associated With Weight Loss and Improved Endothelial Function in Obese Patients With Coronary Artery Disease. American Journal of Cardiology, 2006, 97, 1650-1653.	1.6	44
10	Imaging for Mitral Interventions. JACC: Cardiovascular Imaging, 2018, 11, 872-901.	5.3	43
11	Acute myocardial infarction in the Covid-19 era: Incidence, clinical characteristics and in-hospital outcomesâ€"A multicenter registry. PLoS ONE, 2021, 16, e0253524.	2.5	40
12	Sex Differences in the Management and 5-Year Outcome of Young Patients (<55 Years) with Acute Coronary Syndromes. American Journal of Medicine, 2017, 130, 1324.e15-1324.e22.	1.5	39
13	Epidemiology Characteristics and Outcome of Patients With Clinically Diagnosed Acute Myocarditis. American Journal of Medicine, 2020, 133, 492-499.	1.5	39
14	Increased mean platelet volume is associated with non-responsiveness to clopidogrel. Thrombosis and Haemostasis, 2014, 112, 137-141.	3.4	38
15	The Evolution of Percutaneous MitralÂValveÂRepair Therapy. Journal of the American College of Cardiology, 2014, 64, 2688-2700.	2.8	37
16	Vascular risk levels affect the predictive value of platelet reactivity for the occurrence of MACE in patients on clopidogrel. Thrombosis and Haemostasis, 2016, 115, 823-825.	3.4	32
17	Attenuation of inflammation and expansive remodeling by Valsartan alone or in combination with Simvastatin in high-risk coronary atherosclerotic plaques. Atherosclerosis, 2009, 203, 387-394.	0.8	30
18	Usefulness of Routine Use of Multidetector Coronary Computed Tomography in the â€œFast Trackâ€• Evaluation of Patients With Acute Chest Pain. American Journal of Cardiology, 2009, 103, 1481-1486.	1.6	29

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19	Aortic Regurgitation. Current Cardiology Reports, 2019, 21, 65.	2.9	26
20	Pulse pressure is a predictor of vascular endothelial function in middle-aged subjects with no apparent heart disease. Vascular Medicine, 2010, 15, 299-305.	1.5	25
21	Temporal trends and outcomes associated with atrial fibrillation observed during acute coronary syndrome: Realâ€world data from the Acute Coronary Syndrome Israeli Survey (<scp>ACSIS</scp>), 2000â€“2013. Clinical Cardiology, 2017, 40, 275-280.	1.8	25
22	Homozygous familial hypercholesterolemia: Long term clinical course and plasma exchange therapy for two individual patients and review of the literature. Journal of Clinical Apheresis, 2009, 24, 219-224.	1.3	22
23	Real-World Use of Novel P2Y12 Inhibitors in Patients with Acute Myocardial Infarction: A Treatment Paradox. Cardiology, 2017, 136, 21-28.	1.4	22
24	Predictors of highâ€risk angiographic findings in patients with nonâ€STâ€segment elevation acute coronary syndrome. Catheterization and Cardiovascular Interventions, 2014, 83, 677-683.	1.7	20
25	Relation of Aspirin Failure to Clinical Outcome and to Platelet Response to Aspirin in Patients With Acute Myocardial Infarction. American Journal of Cardiology, 2011, 107, 339-342.	1.6	18
26	Effect of Chewing vs Swallowing Ticagrelor on Platelet Inhibition in Patients With ST-Segment Elevation Myocardial Infarction. JAMA Cardiology, 2017, 2, 1380.	6.1	18
27	Antiplatelet Effect of Thienopyridine (Clopidogrel or Prasugrel) Pretreatment in Patients Undergoing Primary Percutaneous Intervention for ST Elevation Myocardial Infarction. American Journal of Cardiology, 2013, 112, 1551-1556.	1.6	16
28	Echocardiography in the use of noninvasive hemodynamic monitoring. Journal of Critical Care, 2014, 29, 184.e1-184.e8.	2.2	16
29	Predicting 30-day mortality after ST elevation myocardial infarction: Machine learning- based random forest and its external validation using two independent nationwide datasets. Journal of Cardiology, 2021, 78, 439-446.	1.9	16
30	Should the Guidelines for the Assessment of the Severity of Functional Mitral Regurgitation BeÂRedefined?. JACC: Cardiovascular Imaging, 2014, 7, 313-314.	5.3	15
31	Relation Between Stroke Volume Index to Risk of Death in Patients With Low-Gradient Severe Aortic Stenosis and Preserved Left Ventricular Function. American Journal of Cardiology, 2014, 114, 449-455.	1.6	15
32	Incidence and Prognosis of Pericarditis After ST-Elevation Myocardial Infarction (from the Acute) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 2018, 121, 690-694.	1.6	15
33	Comparison of Accuracy of Left Atrial Area and Volume by Two-dimensional Trans-thoracic Echocardiography Versus Computed Tomography. American Journal of Cardiology, 2019, 123, 1180-1184.	1.6	14
34	Survival after intervention in patients with low gradient severe aortic stenosis and preserved left ventricular function. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2823-2828.	0.8	12
35	The predictive value of low admission hemoglobin over the GRACE score in patients with acute coronary syndrome. Journal of Cardiology, 2019, 73, 271-275.	1.9	12
36	Sex-Based Differences in Characteristics and In-Hospital Outcomes among Patients With Diagnosed Acute Myocarditis. American Journal of Cardiology, 2020, 125, 1694-1699.	1.6	12

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37	Clinical Outcomes and Cost Effectiveness of Accelerated Diagnostic Protocol in a Chest Pain Center Compared with Routine Care of Patients with Chest Pain. PLoS ONE, 2015, 10, e0117287.	2.5	11
38	Echo-Doppler Hemodynamics. Circulation, 2015, 131, 1031-1034.	1.6	11
39	Outcomes of Patients Presenting With Clinical Indices of Spontaneous Reperfusion in STâ€Elevation Acute Coronary Syndrome Undergoing Deferred Angiography. Journal of the American Heart Association, 2017, 6, .	3.7	11
40	Contemporary Determinants of Delayed Benchmark Timelines in Acute Myocardial Infarction in Men and Women. American Journal of Cardiology, 2017, 120, 1715-1719.	1.6	11
41	Infective Endovascular Fibrin Sheath Vegetationsâ€“A New Cause of Bacteremia Detected by Transesophageal Echocardiogram. American Journal of Medicine, 2015, 128, 1029-1038.	1.5	10
42	Comparison of Outcomes in Patients With Acute Coronary Syndrome Presenting With Typical Versus Atypical Symptoms. American Journal of Cardiology, 2019, 124, 1851-1856.	1.6	10
43	Characterization of a previously unrecognized clinical phenomenon: Delayed shock after cardiac implantable electronic device extraction. Heart Rhythm, 2017, 14, 1552-1558.	0.7	9
44	Characteristics and outcomes of patients with cancer presenting with acute myocardial infarction. Coronary Artery Disease, 2019, 30, 332-338.	0.7	9
45	Immediate and early percutaneous coronary intervention in very highâ€risk and highâ€risk nonâ€ST segment elevation myocardial infarction patients. Clinical Cardiology, 2022, 45, 359-369.	1.8	9
46	Machine learning-based prediction of 1-year mortality for acute coronary syndromeâœ°. Journal of Cardiology, 2022, 79, 342-351.	1.9	8
47	Comparison of the Effect on Right Atrial Pressure of Abdominal Compression Versus the Valsalva Maneuver. American Journal of Cardiology, 2014, 113, 183-186.	1.6	7
48	Optimal use of echocardiography in valvular heart disease evaluation. Heart, 2015, 101, 977-986.	2.9	7
49	Statin therapy among chronic kidney disease patients presenting with acute coronary syndrome. Atherosclerosis, 2019, 286, 14-19.	0.8	7
50	Acute Kidney Injury, Hepatitis, and CPK Elevation Associated With Nitrofurantoin Therapy. American Journal of the Medical Sciences, 2009, 337, 132-133.	1.1	6
51	Echo Doppler Estimation of Pulmonary Capillary Wedge Pressure in Patients with Severe Aortic Stenosis. Echocardiography, 2015, 32, 1492-1497.	0.9	6
52	Impact of Self-Reported Family History of Premature Cardiovascular Disease on the Outcomes of Patients Hospitalized for Acute Coronary Syndrome (from the Acute Coronary Syndrome Israel Survey) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	6
53	Intermediate-risk pulmonary embolism: Aiming to improve patient stratification. European Journal of Internal Medicine, 2019, 65, 32-36.	2.2	6
54	Significance of Syncope at Presentation among Patients With Pulmonary Emboli. American Journal of Cardiology, 2020, 125, 982-987.	1.6	6

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55	Avoidance of Coronary Angiography in High-Risk Patients With Acute Coronary Syndromes: The ACSIS Registry Findings. Cardiovascular Revascularization Medicine, 2020, 21, 1230-1236.	0.8	6
56	Ethnic Differences Among Acute Coronary Syndrome Patients in Israel. Cardiovascular Revascularization Medicine, 2020, 21, 1431-1435.	0.8	6
57	CHADS2 and CHA2DS2-VASc scores as predictors of platelet reactivity in acute coronary syndrome. Journal of Cardiology, 2021, 77, 375-379.	1.9	6
58	Comparison of Outcomes with or without Beta-Blocker Therapy After Acute Myocardial Infarction in Patients Without Heart Failure or Left Ventricular Systolic Dysfunction (from the Acute Coronary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	6
59	Postâ€“STâ€Segmentâ€“Elevation Myocardial Infarction Platelet Reactivity Is Associated With the Extent of Microvascular Obstruction and Infarct Size as Determined by Cardiac Magnetic Resonance Imaging. Journal of the American Heart Association, 2022, 11, e020973.	3.7	6
60	Fast track evaluation of patients with acute chest pain: experience in a large-scale chest pain unit in Israel. Israel Medical Association Journal, 2010, 12, 329-33.	0.1	6
61	Transcatheter Aortic Valve Implantation for a Failed Bio-Bentall in Patients with Marfan Syndrome. Cardiology, 2014, 128, 9-12.	1.4	5
62	Impact of mobile intensive care unit use on total ischemic time and clinical outcomes in ST-elevation myocardial infarction patients â€“ real-world data from the Acute Coronary Syndrome Israeli Survey. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 497-503.	1.0	5
63	Degenerative Mitral Regurgitation: Assessment, Physical Examination, and Imaging. Current Cardiology Reports, 2019, 21, 85.	2.9	5
64	Characteristics and outcomes associated with 30-day readmissions following acute coronary syndrome 2000â€“2013: the Acute Coronary Syndrome Israeli Survey. European Heart Journal: Acute Cardiovascular Care, 2019, 8, 738-744.	1.0	5
65	Incidence and Clinical Features of Early Stent Thrombosis in the Era of New P2y12 Inhibitors (PLATIS-2). PLoS ONE, 2016, 11, e0157437.	2.5	5
66	Sex Differences in Clinical Characteristics and 1- and 10-Year Mortality Among Patients Hospitalized With Acute Heart Failure. American Journal of the Medical Sciences, 2020, 360, 392-401.	1.1	4
67	Low ALT levels are associated with poor outcomes in acute coronary syndrome patients in the intensive cardiac care unit. Journal of Cardiology, 2021, , .	1.9	4
68	Acute Kidney Injury Following Admission with Acute Coronary Syndrome: The Role of Diabetes Mellitus. Journal of Clinical Medicine, 2021, 10, 4931.	2.4	4
69	Distress among hospitalized patients with acute coronary syndrome. Nursing in Critical Care, 2022, 27, 165-171.	2.3	4
70	Temporal Trends and Outcome of Patients with Acute Coronary Syndrome and Prior Myocardial Infarction. Journal of Clinical Medicine, 2021, 10, 5580.	2.4	4
71	The Aspirin Primary Prevention Conundrum. Israel Medical Association Journal, 2020, 22, 60-63.	0.1	4
72	The Impact of Novel Anti-Diabetic Medications on CV Outcomes: A New Therapeutic Horizon for Diabetic and Non-Diabetic Cardiac Patients. Journal of Clinical Medicine, 2022, 11, 1904.	2.4	4

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73	Prior chronic clopidogrel therapy is associated with increased adverse events and early stent thrombosis. Thrombosis and Haemostasis, 2016, 115, 433-438.	3.4	3
74	Bicuspid aortic valve area in normal heart. Echocardiography, 2020, 37, 439-444.	0.9	3
75	PESI score for predicting clinical outcomes in PE patients with right ventricular involvement. Heart and Vessels, 2022, 37, 489-495.	1.2	3
76	Worse outcomes of ACS patients without versus with traditional cardiovascular risk factors. Journal of Cardiology, 2021, , .	1.9	3
77	Acute myocardial infarction occurring while on chronic clopidogrel therapy (â€˜clopidogrel failureâ€™) is associated with high incidence of clopidogrel poor responsiveness and stent thrombosis. PLoS ONE, 2018, 13, e0195504.	2.5	2
78	Trends in management and outcome of acute coronary syndrome in women â‰¥80â€˜years versus those <80â€˜years in Israel from 2000â€“2016. International Journal of Cardiology, 2019, 281, 22-27.	1.7	2
79	Illness perceptions of Israeli hospitalized patients with acute coronary syndrome. Nursing in Critical Care, 2021, , .	2.3	2
80	Temporal trends in the pre-procedural TIMI flow grade among patients with ST- segment elevation myocardial infarction â€“ From the ACSIS registry. IJC Heart and Vasculature, 2021, 36, 100868.	1.1	2
81	Aspirin--issues in daily practice: an update. Israel Medical Association Journal, 2007, 9, 221-6.	0.1	2
82	An Unusual Case of Saline Contrast Injected in the Anterior Cubital Vein Appearing in the Left Heart Prior to the Right Heart. Journal of the American College of Cardiology, 2013, 62, e13.	2.8	1
83	Poor outcome among patients undergoing myocardial perfusion imaging with intermediate-zone troponin. Internal and Emergency Medicine, 2021, , 1.	2.0	1
84	Ticagrelor versus Prasugrel in Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: Analysis from the Acute Coronary Syndrome Israeli Survey. Cardiology, 2022, 147, 113-120.	1.4	1
85	Statin efficacy and safety for lipid modification in apparently healthy male military aircrew. Aviation, Space, and Environmental Medicine, 2005, 76, 857-60.	0.5	1
86	Cardiogenic shock complicating ST-elevation myocardial infarction: a very difficult clinical scenario. Minerva Cardioangiologica, 2016, 64, 295-304.	1.2	1
87	Evaluation of Patients with Acute Chest Pain Using SPECT Myocardial Perfusion Imaging: Prognostic Implications of Mildly Abnormal Scans. Israel Medical Association Journal, 2017, 19, 368-371.	0.1	1
88	Pericardial Involvement in ST-Segment Elevation Myocardial Infarction as Detected by Cardiac MRI. Frontiers in Cardiovascular Medicine, 2022, 9, 752626.	2.4	1
89	Management and outcomes over time of acute coronary syndrome patients at particularly high cardiovascular risk : the ACSIS registry-based retrospective study. BMJ Open, 2022, 12, e060953.	1.9	1
90	Continuing Medical Education Activity inEchocardiography. Echocardiography, 2015, 32, 1491-1491.	0.9	0

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91	Echo-Doppler determinants of outcomes in patients with unoperated significant mitral regurgitation in current era. Open Heart, 2016, 3, e000378.	2.3	0
92	Reply to ÄŒuliÄ‡ etÂalâ€"COVID-19 Pandemic and Possible Rebound Phenomenon in Incidence of Acute Myocardial Infarction. Canadian Journal of Cardiology, 2021, 37, 1295.	1.7	0
93	The efficacy and safety of evaluating elderly patients using a comprehensive diagnostic protocol via a chest pain unit. Internal and Emergency Medicine, 2020, 15, 1061-1066.	2.0	0
94	Feasibility and Safety of Evaluating Patients with Prior Coronary Artery Disease Using an Accelerated Diagnostic Algorithm in a Chest Pain Unit. PLoS ONE, 2016, 11, e0163501.	2.5	0
95	Association of Polycythemia with Outcomes of Acute Coronary Syndrome. Cardiology, 2021, 146, 720-727.	1.4	0
96	BNT162b2 Vaccination Before Heart Transplantation. Transplantation, 2021, Publish Ahead of Print, .	1.0	0
97	Systolic Time Intervals for Diagnosis of Severe Aortic Stenosis.. Israel Medical Association Journal, 2022, 24, 144-150.	0.1	0