

Amos Katz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7383159/amos-katz-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

3,922
citations

26
h-index

61
g-index

107
ext. papers

4,687
ext. citations

4.9
avg, IF

4.41
L-index

#	Paper	IF	Citations
102	Shifting from vitamin K antagonists to non-vitamin K antagonist oral anticoagulants in patients with atrial fibrillation: predictors, patterns and temporal trends. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 493	2.3	0
101	Cardio-ML: Detection of malicious clinical programmings aimed at cardiac implantable electronic devices based on machine learning and a missing values resemblance framework. <i>Artificial Intelligence in Medicine</i> , 2021 , 122, 102200	7.4	
100	Sex-specific contemporary trends in incidence, prevalence and survival of patients with non-valvular atrial fibrillation: A long-term real-world data analysis. <i>PLoS ONE</i> , 2021 , 16, e0247097	3.7	3
99	Educational outcomes of the first longitudinal integrated clerkship program in Israel. <i>International Journal of Medical Education</i> , 2021 , 12, 152-153	1.6	
98	"Preventive" pacing in patients with tachy-brady syndrome (TBS): Confirming a common practice. <i>International Journal of Clinical Practice</i> , 2020 , 74, e13583	2.9	1
97	CardiWall: A Trusted Firewall for the Detection of Malicious Clinical Programming of Cardiac Implantable Electronic Devices. <i>IEEE Access</i> , 2020 , 8, 48123-48140	3.5	7
96	The effect of green Mediterranean diet on cardiometabolic risk; a randomised controlled trial. <i>Heart</i> , 2020 ,	5.1	14
95	Effects of alirocumab on cardiovascular and metabolic outcomes after acute coronary syndrome in patients with or without diabetes: a prespecified analysis of the ODYSSEY OUTCOMES randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 618-628	18.1	120
94	Multisite cardiac resynchronization therapy for traditional and non-traditional indications. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018 , 51, 143-152	2.4	2
93	QT Prolongation as an Isolated Long-Term Cardiac Manifestation of Dichlorvos Organophosphate Poisoning in Rats. <i>Cardiovascular Toxicology</i> , 2018 , 18, 24-32	3.4	8
92	Rivaroxaban with or without aspirin in patients with stable coronary artery disease: an international, randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2018 , 391, 205-218	4.0	204
91	Rivaroxaban with or without aspirin in patients with stable peripheral or carotid artery disease: an international, randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2018 , 391, 219-229	4.0	414
90	Nocturnal Atrial Fibrillation Caused by Mutation in KCND2, Encoding Pore-Forming (I) Subunit of the Cardiac Kv4.2 Potassium Channel. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002293	5.2	13
89	Ablation-Induced Change in the Course of Fascicular Tachycardia. <i>Israel Medical Association Journal</i> , 2018 , 20, 43-50	0.9	4
88	Zinc transport and the inhibition of the L-type calcium channel are two separable functions of ZnT-1. <i>Metallomics</i> , 2017 , 9, 228-238	4.5	14
87	Reduction in operator radiation exposure during transradial coronary procedures using a simple lead rectangle. <i>Heliyon</i> , 2017 , 3, e00254	3.6	3
86	Morbidity and mortality with cardiac resynchronization therapy with pacing vs. with defibrillation in octogenarian patients in a real-world setting. <i>Europace</i> , 2017 , 19, 1357-1363	3.9	7

85	Cardioprotective cell therapy for advanced ischaemic heart failure: results at 39 weeks of the prospective, randomized, double blind, sham-controlled CHART-1 clinical trial. <i>European Heart Journal</i> , 2017 , 38, 648-660	9.5	113
84	Safety, efficacy, and clinical applicability of pulmonary vein isolation with circular multi-electrode ablation systems: PVAC vs. nMARQ for atrial fibrillation ablation. <i>Europace</i> , 2016 , 18, 807-14	3.9	9
83	Site localization of painful lesions during radiofrequency ablation of pulmonary veins using circular multi-electrode catheters. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2016 , 45, 63-9	2.4	2
82	Supraventricular Tachycardia Classification in the 12-Lead ECG Using Atrial Waves Detection and a Clinically Based Tree Scheme. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016 , 20, 1513-1520	7.2	16
81	Rotational method simplifies 3-dimensional measurement of left atrial appendage dimensions during transesophageal echocardiography. <i>Cardiovascular Ultrasound</i> , 2016 , 14, 36	2.4	9
80	A New Method for Direct Three-Dimensional Measurement of Left Atrial Appendage Dimensions during Transesophageal Echocardiography. <i>Echocardiography</i> , 2016 , 33, 69-76	1.5	17
79	Intravenous methylphenidate: an unusual way to provoke ST-elevation myocardial infarction. <i>American Journal of Emergency Medicine</i> , 2015 , 33, 313.e1-3	2.9	4
78	COR-ART: A multicenter, randomized, double-blind, placebo-controlled dose-ranging study to evaluate single oral doses of vanoxerine for conversion of recent-onset atrial fibrillation or flutter to normal sinus rhythm. <i>Heart Rhythm</i> , 2015 , 12, 1105-12	6.7	16
77	Safety and Feasibility of Contrast Injection During Pulmonary Vein Isolation with the nMARQ Multi-Electrode Catheter. <i>Journal of Atrial Fibrillation</i> , 2015 , 8, 1324	0.8	2
76	ZnT-1 extrudes zinc from mammalian cells functioning as a Zn(2+)/H(+) exchanger. <i>Metallomics</i> , 2014 , 6, 1656-63	4.5	47
75	Implant-based multiparameter telemonitoring of patients with heart failure (IN-TIME): a randomised controlled trial. <i>Lancet, The</i> , 2014 , 384, 583-590	40	408
74	Atrial electrical activity detection using linear combination of 12-lead ECG signals. <i>IEEE Transactions on Biomedical Engineering</i> , 2014 , 61, 1034-43	5	15
73	Letter by Shiyovich et al regarding article, "resumption of chest compressions after successful defibrillation and risk for recurrence of ventricular fibrillation in out-of-hospital cardiac arrest". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 1277	6.4	
72	Long QT syndrome complicating atrioventricular block: arrhythmogenic effects of cardiac memory. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 1129-35	6.4	19
71	Insufficient compliance with current implantable cardioverter defibrillator (ICD) therapy guidelines in post myocardial infarction patients is associated with increased mortality. <i>International Journal of Cardiology</i> , 2013 , 166, 421-4	3.2	4
70	Evaluation of ranolazine in patients with type 2 diabetes mellitus and chronic stable angina: results from the TERISA randomized clinical trial (Type 2 Diabetes Evaluation of Ranolazine in Subjects With Chronic Stable Angina). <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2038-45	15.1	150
69	INO-8875, a highly selective A1 adenosine receptor agonist: evaluation of chronotropic, dromotropic, and hemodynamic effects in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 344, 59-67	4.7	11
68	ZnT-1 protects HL-1 cells from simulated ischemia-reperfusion through activation of Ras-ERK signaling. <i>Journal of Molecular Medicine</i> , 2012 , 90, 127-38	5.5	31

67	Cardiac arrhythmia classification in 12-lead ECG using synthetic atrial activity signal 2012 ,		3
66	Left atrial function during pregnancy: a three-dimensional echocardiographic study. <i>Echocardiography</i> , 2012 , 29, 1096-101	1.5	21
65	Distinguishing "benign" from "malignant early repolarization": the value of the ST-segment morphology. <i>Heart Rhythm</i> , 2012 , 9, 225-9	6.7	165
64	ZnT-1 enhances the activity and surface expression of T-type calcium channels through activation of Ras-ERK signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 303, C192-203	5.4	29
63	A Surface ECG-Based Algorithm to Determine the Atrial Refractoriness of Rodents During Electrophysiological Study. <i>Cardiovascular Engineering and Technology</i> , 2011 , 2, 388-398	2.2	1
62	Potential value of automated daily screening of cardiac resynchronization therapy defibrillator diagnostics for prediction of major cardiovascular events: results from Home-CARE (Home Monitoring in Cardiac Resynchronization Therapy) study. <i>European Journal of Heart Failure</i> , 2011 , 13, 1818-27	12.3	39
61	The involvement of ZnT-1, a new modulator of cardiac L-type calcium channels, in [corrected] atrial tachycardia remodeling. [corrected]. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1188, 87-95	6.5	7
60	Respiratory stress response: a novel diagnostic method for detection of significant coronary artery disease from finger pulse wave analysis during brief respiratory exercise. <i>American Journal of the Medical Sciences</i> , 2010 , 339, 440-7	2.2	2
59	Manual vs. automatic capture management in implantable cardioverter defibrillators and cardiac resynchronization therapy defibrillators. <i>Europace</i> , 2010 , 12, 811-6	3.9	14
58	Acute transient phlebitis during eptifibatide intravenous injection: case report. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2010 , 39, 235-6	2.6	5
57	Accuracy of diagnosing atrial flutter and atrial fibrillation from a surface electrocardiogram by hospital physicians: analysis of data from internal medicine departments. <i>American Journal of the Medical Sciences</i> , 2010 , 340, 271-5	2.2	20
56	Swallowing-induced atrial tachyarrhythmia triggered by salbutamol: case report and review of the literature. <i>Clinical Cardiology</i> , 2010 , 33, E116-20	3.3	16
55	An innovative noninvasive respiratory stress test indicates significant coronary artery disease. <i>Cardiovascular Revascularization Medicine</i> , 2010 , 11, 20-8	1.6	3
54	Molecular basis for zinc transporter 1 action as an endogenous inhibitor of L-type calcium channels. <i>Journal of Biological Chemistry</i> , 2009 , 284, 32434-43	5.4	45
53	Ultra-short-term heart rate variability for early risk stratification following acute ST-elevation myocardial infarction. <i>Cardiology</i> , 2009 , 114, 275-83	1.6	22
52	Relaxin for the treatment of patients with acute heart failure (Pre-RELAX-AHF): a multicentre, randomised, placebo-controlled, parallel-group, dose-finding phase IIb study. <i>Lancet, The</i> , 2009 , 373, 1429-39	40	334
51	J-point elevation in survivors of primary ventricular fibrillation and matched control subjects: incidence and clinical significance. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 1231-8	15.1	444
50	Cardiac manifestations following electrocution in children. <i>Cardiology in the Young</i> , 2008 , 18, 458-60	1	10

49	New insights into the atrial electrophysiology of rodents using a novel modality: the miniature-bipolar hook electrode. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H1460-9	5.2	16
48	Unusual hazard of outdoor CPR on a very hot day. <i>Resuscitation</i> , 2008 , 77, 293	4	
47	B-type natriuretic peptide levels stratify the risk for arrhythmia among implantable cardioverter defibrillator patients. <i>Clinical Cardiology</i> , 2008 , 31, 586-9	3.3	13
46	Correlation between atrial ZnT-1 expression and atrial fibrillation in humans: a pilot study. <i>Journal of Cardiovascular Electrophysiology</i> , 2008 , 19, 157-64	2.7	17
45	Atrial fibrillation and plasma troponin I elevation after cardiac surgery: relation to inflammation-associated parameters. <i>Journal of Cardiac Surgery</i> , 2007 , 22, 117-23	1.3	16
44	Crosstalk between L-type calcium channels and ZnT-1, a new player in rate-dependent cardiac electrical remodeling. <i>Cell Calcium</i> , 2007 , 42, 71-82	4	32
43	Conservative management of implantable cardioverter defibrillator-related endocarditis due to <i>Bacillus</i> spp. <i>Infection</i> , 2007 , 35, 114-7	5.8	4
42	Transient ventricular fibrillation. A clinical case report. <i>European Journal of Cardiovascular Nursing</i> , 2007 , 6, 337-9	3.3	2
41	Provocation of sudden heart rate oscillation with adenosine exposes abnormal QT responses in patients with long QT syndrome: a bedside test for diagnosing long QT syndrome. <i>European Heart Journal</i> , 2006 , 27, 469-75	9.5	38
40	Does it all go up in smoke? Cigarette smoking and tachyarrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2006 , 17, 937-9	2.7	8
39	Association of statin therapy and the risk of atrial fibrillation in patients with a permanent pacemaker. <i>Clinical Cardiology</i> , 2006 , 29, 249-52	3.3	24
38	Do the recently modified pacemaker guidelines for neurocardiogenic syncope also apply to young patients? Analysis based on five-year follow-up of Israeli soldiers with syncope and a positive tilt test. <i>Cardiology</i> , 2004 , 102, 200-5	1.6	3
37	Efficacy of substituting innovator propafenone for its generic formulation in patients with atrial fibrillation. <i>American Journal of Cardiology</i> , 2004 , 93, 1558-60	3	11
36	Is idiopathic ventricular fibrillation a short QT syndrome? Comparison of QT intervals of patients with idiopathic ventricular fibrillation and healthy controls. <i>Heart Rhythm</i> , 2004 , 1, 587-91	6.7	101
35	Prevention of infections associated with permanent cardiac antiarrhythmic devices by implementation of a comprehensive infection control program. <i>Infection Control and Hospital Epidemiology</i> , 2004 , 25, 492-7	2	22
34	Advanced atrioventricular conduction block in acute rheumatic fever. <i>Cardiology in the Young</i> , 2003 , 13, 506-508	1	23
33	Usefulness of implantable cardioverter-defibrillators in refractory variant angina pectoris complicated by ventricular fibrillation in patients with angiographically normal coronary arteries. <i>American Journal of Cardiology</i> , 2002 , 89, 1114-6	3	108
32	Mexiletine related chronic defibrillation threshold elevation: case report and review of the literature. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2002 , 25, 507-8	1.6	7

31	Implantable cardioverter defibrillators in Israel: utilization and implantation trends. <i>International Journal of Cardiology</i> , 2002 , 82, 17-23	3.2	7
30	Pseudoventricular fibrillation. <i>Critical Care Medicine</i> , 2001 , 29, 1835-6	1.4	1
29	Atrial tachycardia as the presenting sign of a left atrial appendage aneurysm. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000 , 23, 283-5	1.6	21
28	Patterns of accelerated junctional rhythm during slow pathway catheter ablation for atrioventricular nodal reentrant tachycardia: temperature dependence, prognostic value, and insights into the nature of the slow pathway. <i>Journal of Cardiovascular Electrophysiology</i> , 2000 , 11, 244-54	2.7	18
27	ECG signal compression using analysis by synthesis coding. <i>IEEE Transactions on Biomedical Engineering</i> , 2000 , 47, 1308-16	5	107
26	Relation of atrial refractoriness to upper and lower limits of vulnerability for atrial fibrillation/flutter following implantable ventricular defibrillator shocks. <i>Circulation</i> , 1999 , 100, 1125-30	16.7	4
25	Implantable defibrillator endocarditis. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999 , 22, 1120	1.6	1
24	Absence of Increased Systemic Vascular Resistance During Syncopal Episodes in Patients with Tilt-Positive Neurocardiogenic Syncope. <i>Annals of Noninvasive Electrocardiology</i> , 1999 , 4, 121-129	1.5	
23	A simple bedside test of 1-minute heart rate variability during deep breathing as a prognostic index after myocardial infarction. <i>American Heart Journal</i> , 1999 , 138, 32-8	4.9	67
22	Atrial fibrillation/flutter induced by implantable ventricular defibrillator shocks: difference between epicardial and endocardial energy delivery. <i>Journal of Cardiovascular Electrophysiology</i> , 1997 , 8, 35-41	2.7	9
21	Neutrophil superoxide release and interleukin 8 in acute myocardial infarction: distinction between complicated and uncomplicated states. <i>European Journal of Clinical Investigation</i> , 1997 , 27, 398-404	4.6	31
20	Single lead VDD pacing: multicenter study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1996 , 19, 1768-71	16	24
19	Evaluation of a new rate adaptive ventricular pacemaker controlled by double sensors. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995 , 18, 386-90	1.6	14
18	Thrombolytic therapy in acute pancreatitis presenting as acute myocardial infarction. <i>International Journal of Cardiology</i> , 1995 , 49, 279-81	3.2	19
17	Influence of gender in the therapeutic management of patients with acute myocardial infarction in Israel. The Israeli Thrombolytic Survey Group. <i>American Journal of Cardiology</i> , 1994 , 73, 438-43	3	31
16	Clinical evaluation of a new single pass lead VDD pacing system. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1994 , 17, 1859-64	1.6	31
15	Initial experience with a new algorithm for automatic mode switching from DDDR to DDIR mode. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1994 , 17, 1908-12	1.6	35
14	Measurements of cardiac output by impedance cardiography in pacemaker patients at rest: effects of various atrioventricular delays. <i>Journal of the American College of Cardiology</i> , 1993 , 21, 761-7	15.1	57

13	Thrombolytic therapy for acute myocardial infarction in a 110-year-old man. <i>American Journal of Cardiology</i> , 1993 , 71, 1122-3	3	9
12	Short- and long-term comparative study of anistreplase versus streptokinase in acute myocardial infarction. <i>Angiology</i> , 1992 , 43, 572-7	2.1	2
11	Bedside termination of sustained ventricular tachycardia by transesophageal atrial pacing. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992 , 15, 849-53	1.6	1
10	Variations in blood supply to the anterior interventricular septum: incidence and possible clinical importance. <i>Catheterization and Cardiovascular Diagnosis</i> , 1991 , 24, 277-82		8
9	Transesophageal electrocardiography using a temporary pacing balloon-tipped electrode in acute cardiac care. <i>Annals of Emergency Medicine</i> , 1991 , 20, 961-3	2.1	4
8	Ventricular arrhythmias: risk stratification and approach to therapy after the Cardiac Arrhythmia Suppression Trial (CAST). <i>PACE - Pacing and Clinical Electrophysiology</i> , 1990 , 13, 1480-7	1.6	5
7	Right ventricular ischemia diagnosed by ST-segment elevation in precordial leads. <i>American Journal of Cardiology</i> , 1990 , 65, 1050	3	
6	Atrial tachyarrhythmias induced by implantable defibrillator shocks: pathogenesis and follow-up results. <i>Journal of the American College of Cardiology</i> , 1990 , 15, A52	15.1	3
5	Deleterious effects of intravenous verapamil in Wolff-Parkinson-White patients and atrial fibrillation. <i>Cardiovascular Drugs and Therapy</i> , 1989 , 2, 801-6	3.9	14
4	Transient complete atrioventricular block induced by a chest thump in a patient with ventricular tachycardia. <i>International Journal of Cardiology</i> , 1989 , 23, 395-6	3.2	7
3	Oral mexiletine-theophylline interaction. <i>International Journal of Cardiology</i> , 1987 , 17, 227-8	3.2	19
2	ST elevation in leads V1 to V4 caused by isolated right ventricular ischemia and infarction. <i>Cardiology</i> , 1987 , 74, 396-9	1.6	9
1	Cardiovascular manifestations of ankylosing spondylitis. <i>Clinical Rheumatology</i> , 1987 , 6, 588-92	3.9	47