

# Robert Zelis

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/10660873/robert-zelis-publications-by-citations.pdf>  
**Version:** 2024-04-11

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.

80 papers	4,675 citations	38 h-index	68 g-index
81 ext. papers	4,858 ext. citations	8.9 avg, IF	4.42 L-index

#	Paper	IF	Citations
80	Endothelial function in chronic congestive heart failure. <i>American Journal of Cardiology</i> , <b>1992</b> , 69, 1596-601	5.0	484
79	Alterations in vasomotor tone in congestive heart failure. <i>Progress in Cardiovascular Diseases</i> , <b>1982</b> , 24, 437-59	8.5	312
78	A comparison of the effects of vasodilator stimuli on peripheral resistance vessels in normal subjects and in patients with congestive heart failure. <i>Journal of Clinical Investigation</i> , <b>1968</b> , 47, 960-70	15.9	302
77	A comparison of regional blood flow and oxygen utilization during dynamic forearm exercise in normal subjects and patients with congestive heart failure. <i>Circulation</i> , <b>1974</b> , 50, 137-43	16.7	201
76	Quantification of the contractile state of the intact human heart. Maximal velocity of contractile element shortening determined by the instantaneous relation between the rate of pressure rise and pressure in the left ventricle during isovolumic systole. <i>American Journal of Cardiology</i> , <b>1970</b> , 26, 248-57	3	178
75	Nifedipine therapy for stable angina pectoris: preliminary results of effects on angina frequency and treadmill exercise response. <i>American Journal of Cardiology</i> , <b>1979</b> , 44, 811-6	3	161
74	Pulmonary edema. 2. <i>New England Journal of Medicine</i> , <b>1973</b> , 288, 292-304	59.2	135
73	Partition of blood flow to the cutaneous and muscular beds of the forearm at rest and during leg exercise in normal subjects and in patients with heart failure. <i>Circulation Research</i> , <b>1969</b> , 24, 799-806	15.7	128
72	Mechanisms of vasodilation. <i>American Journal of Medicine</i> , <b>1983</b> , 74, 3-12	2.4	119
71	The cardiovascular effects of morphine. The peripheral capacitance and resistance vessels in human subjects. <i>Journal of Clinical Investigation</i> , <b>1974</b> , 54, 1247-58	15.9	114
70	Effects of hyperlipoproteinemias and their treatment on the peripheral circulation. <i>Journal of Clinical Investigation</i> , <b>1970</b> , 49, 1007-15	15.9	112
69	Pulmonary edema. 1. <i>New England Journal of Medicine</i> , <b>1973</b> , 288, 239-46	59.2	111
68	Abnormalities in the regional circulations accompanying congestive heart failure. <i>Progress in Cardiovascular Diseases</i> , <b>1975</b> , 18, 181-99	8.5	106
67	Actions of the nitrites on the peripheral circulation and myocardial oxygen consumption: significance in the relief of angina pectoris. <i>Chest</i> , <b>1971</b> , 59, 296-305	5.3	106
66	Arterial sodium content in experimental congestive heart failure. <i>Circulation</i> , <b>1970</b> , 41, 213-6	16.7	101
65	Effects of nitroglycerin on left ventricular cavity size and cardiac performance determined by ultrasound in man. <i>American Journal of Medicine</i> , <b>1974</b> , 57, 754-60	2.4	100
64	Delayed reversal of impaired vasodilation in congestive heart failure after heart transplantation. <i>American Journal of Cardiology</i> , <b>1988</b> , 61, 1076-9	3	96

63	Electrocardiographic and cineangiographic correlations in assessment of the location, nature and extent of abnormal left ventricular segmental contraction in coronary artery disease. <i>Circulation</i> , <b>1974</b> , 49, 447-54	16.7	96
62	Enhanced metabolic vasodilation secondary to diuretic therapy in decompensated congestive heart failure secondary to coronary artery disease. <i>American Journal of Cardiology</i> , <b>1987</b> , 60, 107-11	3	88
61	The role of skin and muscle resistance vessels in reflexes mediated by the baroreceptor system. <i>Journal of Clinical Investigation</i> , <b>1970</b> , 49, 225-31	15.9	83
60	Indirect assessment of myocardial oxygen consumption in the evaluation of mechanisms and therapy of angina pectoris. <i>American Journal of Cardiology</i> , <b>1974</b> , 33, 737-43	3	80
59	Endothelial function in congestive heart failure. <i>American Heart Journal</i> , <b>1993</b> , 126, 761-4	4.9	78
58	Current concepts and treatment of digitalis toxicity. <i>American Journal of Cardiology</i> , <b>1971</b> , 27, 546-59	3	77
57	Diminished forearm arteriolar dilator capacity produced by mineralocorticoid-induced salt retention in man. Implications concerning congestive heart failure and vascular stiffness. <i>Circulation</i> , <b>1970</b> , 41, 589-92	16.7	65
56	Alterations of hemodynamics and myocardial mechanics in patients with congestive heart failure: pathophysiologic mechanisms and assessment of cardiac function and ventricular contractility. <i>Progress in Cardiovascular Diseases</i> , <b>1970</b> , 12, 507-57	8.5	64
55	The importance of type IV hyperlipoproteinemia as a predisposing factor in coronary artery disease. <i>American Journal of Medicine</i> , <b>1974</b> , 57, 897-903	2.4	59
54	Comparison of blood flow measured by plethysmograph and flowmeter during steady state forearm exercise. <i>Circulation</i> , <b>1974</b> , 49, 535-40	16.7	59
53	Myosin chains of myocardial tissue. I. Purification and immunological properties of myosin heavy chains. <i>Biochemical and Biophysical Research Communications</i> , <b>1973</b> , 51, 1097-104	3.4	55
52	Evaluation of skeletal muscle capillary basement membrane thickness in congestive heart failure. <i>Chest</i> , <b>1975</b> , 67, 195-8	5.3	53
51	Regional blood flow in congestive heart failure: concept of compensatory mechanisms with short and long time constants. <i>American Journal of Cardiology</i> , <b>1988</b> , 62, 2E-8E	3	52
50	New developments in the understanding of the actions of the digitalis glycosides. <i>Progress in Cardiovascular Diseases</i> , <b>1969</b> , 11, 443-78	8.5	52
49	Compensatory mechanisms in congestive heart failure--the role of the peripheral resistance vessels. <i>New England Journal of Medicine</i> , <b>1970</b> , 282, 962-4	59.2	52
48	Cardiocirculatory responses to muscular exercise in congestive heart failure. <i>Progress in Cardiovascular Diseases</i> , <b>1977</b> , 19, 475-89	8.5	49
47	Peripheral circulatory control mechanisms in congestive heart failure. <i>American Journal of Cardiology</i> , <b>1973</b> , 32, 481-90	3	49
46	Comparison of the reflex reactivity of skin and muscle veins in the human forearm. <i>Journal of Clinical Investigation</i> , <b>1969</b> , 48, 1870-7	15.9	47

45	Aging reduces venous distensibility and the venodilatory response to nitroglycerin in normal subjects. <i>American Journal of Cardiology</i> , <b>1989</b> , 63, 1267-70	3	41
44	Propranolol rebound--a retrospective study. <i>American Journal of Cardiology</i> , <b>1978</b> , 41, 778-80	3	41
43	The pharmacokinetics and pharmacology of oral diltiazem in normal volunteers. <i>Journal of Clinical Pharmacology</i> , <b>1981</b> , 21, 337-42	2.9	39
42	Influence of experimental edema on metabolically determined blood flow. <i>Circulation Research</i> , <b>1974</b> , 34, 482-90	15.7	36
41	Physiologic approach to the treatment of angina pectoris. <i>New England Journal of Medicine</i> , <b>1969</b> , 281, 1225-8	59.2	35
40	Improvement of reduced left ventricular diastolic compliance in ischemic heart disease after successful coronary artery bypass surgery. <i>American Journal of Cardiology</i> , <b>1975</b> , 35, 11-6	3	34
39	The clinical pharmacology and therapeutic applications of the antiarrhythmic drugs. <i>Clinical Pharmacology and Therapeutics</i> , <b>1970</b> , 11, 460-80	6.1	30
38	Studies on the Synthesis and Degradation of Light and Heavy Chains of Cardiac Myosin. <i>Journal of Biological Chemistry</i> , <b>1973</b> , 248, 5206-5207	5.4	30
37	Hemodynamic effects of procainamide in patients with acute myocardial infarction and comparison with lidocaine. <i>American Journal of Medicine</i> , <b>1973</b> , 55, 161-8	2.4	26
36	Regional vascular adjustments during recovery from myocardial infarction in rats. <i>Journal of the American College of Cardiology</i> , <b>1986</b> , 8, 134-42	15.1	25
35	Probucol: a new cholesterol-lowering drug effective in patients with type II hyperlipoproteinemia. <i>Clinical Pharmacology and Therapeutics</i> , <b>1976</b> , 20, 690-4	6.1	25
34	Saphenous vein bypass graft for refractory angina pectoris: Physiologic evidence for enhanced blood flow to the ischemic myocardium. <i>American Journal of Cardiology</i> , <b>1970</b> , 26, 623	3	25
33	Consideration of the therapeutic roles of pharmacologic agents, collateral circulation and saphenous vein bypass in coronary artery disease. <i>American Journal of Cardiology</i> , <b>1971</b> , 28, 608-13	3	21
32	The contribution of local factors to the elevated venous tone of congestive heart failure. <i>Journal of Clinical Investigation</i> , <b>1974</b> , 54, 219-24	15.9	20
31	Abnormal peripheral vascular dynamics in systemic amyloidosis. <i>Annals of Internal Medicine</i> , <b>1969</b> , 70, 1167-72	8	16
30	Effects of ventricular stimulation and potassium administration on digitalis-induced arrhythmias. <i>American Journal of Cardiology</i> , <b>1970</b> , 25, 428-33	3	15
29	The effects of angiographic dye on cardiac contractility and the peripheral circulation in man. <i>American Journal of Cardiology</i> , <b>1970</b> , 25, 137	3	15
28	Amrinone-mediated thrombocytopenia. <i>Scandinavian Journal of Haematology</i> , <b>1983</b> , 31, 376-80		13

27	Effects of morphine on reflex arteriolar constriction induced in man by hypercapnia. <i>Clinical Pharmacology and Therapeutics</i> , <b>1977</b> , 22, 172-8	6.1	12
26	Effects of morphine sulfate on human coronary blood flow. <i>American Journal of Cardiology</i> , <b>1978</b> , 41, 324-6	3	12
25	Integrating nutrition education into the cardiovascular curriculum changes eating habits of second-year medical students. <i>Journal of Clinical Lipidology</i> , <b>2014</b> , 8, 199-205	4.9	11
24	Resolution of Myocardial Myosin Light Chains by Two-Dimensional Gel Electrophoresis. <i>Journal of Biological Chemistry</i> , <b>1974</b> , 249, 994-996	5.4	10
23	Digoxin potentiation of the norepinephrine response in vascular smooth muscle. <i>General Pharmacology</i> , <b>1979</b> , 10, 201-6		8
22	Oral terbutaline sulfate--amelioration of exercise-induced bronchospasm. <i>Journal of Clinical Pharmacology</i> , <b>1976</b> , 16, 367-70	2.9	8
21	Effect of the venodilated state on sympathetic-induced venoconstriction in normal subjects. <i>American Journal of Cardiology</i> , <b>1989</b> , 63, 973-6	3	7
20	The pharmacologic effect of aerosolized terbutaline sulfate in exercise-induced bronchospasm. <i>Journal of Clinical Pharmacology</i> , <b>1976</b> , 16, 444-7	2.9	7
19	Differential effects of morphine on forearm blood flow: attenuation of sympathetic control of the cutaneous circulation. <i>Clinical Pharmacology and Therapeutics</i> , <b>1978</b> , 23, 542-6	6.1	7
18	Effects of antiarrhythmic drugs on myocardial performance in man: Assessment by the maximal velocity of contractile element shortening. <i>American Journal of Cardiology</i> , <b>1970</b> , 25, 114	3	7
17	Type IV Hyperlipoproteinemia. <i>JAMA - Journal of the American Medical Association</i> , <b>1972</b> , 222, 326	27.4	7
16	Pressure-flow relationships in the peripheral circulation of the dog with practolol. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1975</b> , 2, 17-21	3	6
15	Elective conversion of atrial fibrillation: Relation of energy level, digitalis and lidocaine to postshock rhythm. <i>American Journal of Cardiology</i> , <b>1970</b> , 26, 639	3	6
14	Type 4 hyperlipoproteinemia: one theory of atherogenesis. <i>Chest</i> , <b>1973</b> , 64, 486-90	5.3	6
13	Comparison of venodilatory effects of nitroglycerin spray and tablets in healthy volunteers. <i>American Journal of Cardiology</i> , <b>1989</b> , 63, 637-9	3	5
12	Vascular sympathetic nerve function in congestive heart failure. <i>American Journal of Cardiology</i> , <b>1988</b> , 62, 63E-67E	3	5
11	Left ventricular compliance: Relation to different patterns of left ventricular dyssynergy. <i>American Journal of Cardiology</i> , <b>1973</b> , 31, 147	3	5
10	Vasoconstrictor Mechanisms and the Effects of Nitrates <b>1983</b> , 1-13		4

9	The maximal stress test: does it have any value in heart failure?. <i>Journal of the American College of Cardiology</i> , <b>1990</b> , 15, 62-3	15.1	3
8	How benign is lidocaine?. <i>Chest</i> , <b>1972</b> , 61, 599-600	5.3	3
7	Differential transmural constrictor response to norepinephrine in rabbit carotid artery. <i>General Pharmacology</i> , <b>1981</b> , 12, 295-301		2
6	Mechanism of morphine arteriolar dilation: Central attenuation of CO <sub>2</sub> -induced vasoconstriction. <i>American Journal of Cardiology</i> , <b>1975</b> , 35, 137	3	2
5	Effects of short-term brachial arterial vasodilator infusions on forearm blood flow response to acetylcholine. <i>American Journal of Cardiology</i> , <b>1995</b> , 75, 546-7	3	1
4	The Peripheral Circulation. <i>Cardiology Clinics</i> , <b>1989</b> , 7, 63-71	2.5	1
3	Antianginal Drugs. <i>Developments in Cardiovascular Medicine</i> , <b>1980</b> , 95-135		1
2	Reciprocal changes in vasoactive hormones in the rat myocardial infarction model of heart failure. <i>Journal of Cardiac Failure</i> , <b>1994</b> , 1, 63-9	3.3	
1	The Use of Calcium Entry Blockers in Congestive Heart Failure <b>1985</b> , 479-486		