

# Gary Gerstenblith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/500810/publications.pdf>

Version: 2024-02-01

61  
papers

2,937  
citations

218592

26  
h-index

168321

53  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Creatine Kinase Attenuates Pathologic Remodeling in Heart Failure. <i>Circulation Research</i> , 2022, , CIRCRESAHA121319648.	2.0	6
2	Interventions for Frailty Among Older Adults With Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2022, 79, 482-503.	1.2	110
3	The Trajectory of Lipoprotein(a) During the Peri- and Early Postinfarction Period and the Impact of Proprotein Convertase Subtilisin/Kexin Type 9 Inhibition. <i>American Journal of Cardiology</i> , 2022, 171, 1-6.	0.7	11
4	Deep learning-based atherosclerotic coronary plaque segmentation on coronary CT angiography. <i>European Radiology</i> , 2022, 32, 7217-7226.	2.3	7
5	Obesity, Galectin-3, and Incident Heart Failure: The ARIC Study. <i>Journal of the American Heart Association</i> , 2022, 11, e023238.	1.6	8
6	Myocardial ATP depletion detected noninvasively predicts sudden cardiac death risk in patients with heart failure. <i>JCI Insight</i> , 2022, 7, .	2.3	3
7	Temporal assessment of lesion morphology on radiological images beyond lesion volumes—a proof-of-principle study. <i>European Radiology</i> , 2022, 32, 8748-8760.	2.3	3
8	Physical Frailty Phenotype and the Development of Geriatric Syndromes in Older Adults with Coronary Heart Disease. <i>American Journal of Medicine</i> , 2021, 134, 662-671.e1.	0.6	19
9	Frailty and cardiovascular outcomes in the National Health and Aging Trends Study. <i>European Heart Journal</i> , 2021, 42, 3856-3865.	1.0	73
10	Longitudinal uncoupling of the heart and arteries with aging in a community-dwelling population. <i>GeroScience</i> , 2021, 43, 551-561.	2.1	8
11	A randomized, placebo-controlled, double-blinded clinical trial of colchicine to improve vascular health in people living with HIV. <i>Aids</i> , 2021, 35, 1041-1050.	1.0	10
12	Cardiovascular risk factors and illicit drug use may have a more profound effect on coronary atherosclerosis progression in people living with HIV. <i>European Radiology</i> , 2021, 31, 2756-2767.	2.3	4
13	Contribution of Risk Factors to the Development of Coronary Atherosclerosis as Confirmed via Coronary CT Angiography: A Longitudinal Radiomics-based Study. <i>Radiology</i> , 2021, 299, 97-106.	3.6	22
14	Duration of Diabetes and Incident Heart Failure. <i>JACC: Heart Failure</i> , 2021, 9, 594-603.	1.9	25
15	Randomized Trial of Anti-inflammatory Medications and Coronary Endothelial Dysfunction in Patients With Stable Coronary Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 728654.	1.1	3
16	HIV indirectly accelerates coronary artery disease by promoting the effects of risk factors: longitudinal observational study. <i>Scientific Reports</i> , 2021, 11, 23110.	1.6	1
17	Effect of Crizanlizumab, a P-Selectin Inhibitor, in COVID-19. <i>JACC Basic To Translational Science</i> , 2021, 6, 935-945.	1.9	23
18	The role of Lipoprotein(a) in cardiovascular disease: Current concepts and future perspectives. <i>Hellenic Journal of Cardiology</i> , 2020, 61, 398-403.	0.4	15

#	ARTICLE	IF	CITATIONS
19	Evolocumab, a PCSK9 Monoclonal Antibody, Rapidly Reverses Coronary Artery Endothelial Dysfunction in People Living With HIV and People With Dyslipidemia. <i>Journal of the American Heart Association</i> , 2020, 9, e016263.	1.6	44
20	Effect of Evolocumab on Atherogenic Lipoproteins During the Peri- and Early Postinfarction Period. <i>Circulation</i> , 2020, 142, 419-421.	1.6	42
21	Sarcopenia and health-related quality of life in older adults after transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2020, 224, 171-181.	1.2	18
22	Frailty Measurement Using Administrative Data in Older Patients With Cardiovascular Disease. <i>JAMA Cardiology</i> , 2020, 5, 967.	3.0	2
23	Abstract 13695: Paracrine-mediated Rejuvenation of Aged Mesenchymal Stem Cells Involves Broad Transcriptional Modulation of Angiogenic Factors. <i>Circulation</i> , 2020, 142, .	1.6	0
24	Percutaneous Coronary Intervention in Older Patients With ST-Segment Elevation Myocardial Infarction and Cardiogenic Shock. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1890-1900.	1.2	45
25	Temporal Trends of Percutaneous Coronary Interventions in Older Adults With Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007812.	1.4	13
26	Circulating levels of cardiac troponin T are associated with coronary noncalcified plaque burden in HIV-infected adults: a pilot study. <i>International Journal of STD and AIDS</i> , 2019, 30, 223-230.	0.5	3
27	Cocaine use may induce telomere shortening in individuals with HIV infection. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 11-17.	2.5	7
28	Six-Year Changes in Physical Activity and the Risk of Incident Heart Failure. <i>Circulation</i> , 2018, 137, 2142-2151.	1.6	46
29	The influence of febricitis on coronary artery endothelial dysfunction in patients with coronary artery disease: A phase 4 randomized, placebo-controlled, double-blind, crossover trial. <i>American Heart Journal</i> , 2018, 197, 85-93.	1.2	13
30	Weight History and Subclinical Myocardial Damage. <i>Clinical Chemistry</i> , 2018, 64, 201-209.	1.5	16
31	Cardiac work is related to creatine kinase energy supply in human heart failure: a cardiovascular magnetic resonance spectroscopy study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 81.	1.6	29
32	Coronary Endothelial Dysfunction Is Associated With Elevated Serum PCSK9 Levels in People With HIV Independent of Low-Density Lipoprotein Cholesterol. <i>Journal of the American Heart Association</i> , 2018, 7, e009996.	1.6	40
33	Regional coronary endothelial dysfunction is related to the degree of local epicardial fat in people with HIV. <i>Atherosclerosis</i> , 2018, 278, 7-14.	0.4	22
34	Coronary artery endothelial dysfunction is present in HIV-positive individuals without significant coronary artery disease. <i>Aids</i> , 2017, 31, 1281-1289.	1.0	32
35	Fatigability, Exercise Intolerance, and Abnormal Skeletal Muscle Energetics in Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	101
36	Cocaine use may modify HIV/ART-associated myocardial steatosis and hepatic steatosis. <i>Drug and Alcohol Dependence</i> , 2017, 177, 84-92.	1.6	12

#	ARTICLE	IF	CITATIONS
37	Coronary endothelial function is better in healthy premenopausal women than in healthy older postmenopausal women and men. PLoS ONE, 2017, 12, e0186448.	1.1	21
38	HIV Infection Itself May Not Be Associated With Subclinical Coronary Artery Disease Among African Americans Without Cardiovascular Symptoms. Journal of the American Heart Association, 2016, 5, e002529.	1.6	40
39	Obesity and Subtypes of Incident Cardiovascular Disease. Journal of the American Heart Association, 2016, 5, .	1.6	149
40	Simultaneous Noninvasive Assessment of Systemic and Coronary Endothelial Function. Circulation: Cardiovascular Imaging, 2016, 9, e003954.	1.3	25
41	Local coronary wall eccentricity and endothelial function are closely related in patients with atherosclerotic coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 51.	1.6	18
42	Coronary vasomotor responses to isometric handgrip exercise are primarily mediated by nitric oxide: a noninvasive MRI test of coronary endothelial function. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1343-H1350.	1.5	38
43	Stem cell impregnated nanofiber stent sleeve for on-stent production and intravascular delivery of paracrine factors. Biomaterials, 2015, 52, 318-326.	5.7	27
44	Low High-Sensitivity Troponin I and Zero Coronary Artery Calcium Score Identifies Coronary CT Angiography Candidates in Whom Further Testing Could be Avoided. Academic Radiology, 2015, 22, 1060-1067.	1.3	18
45	Letter by Makkar et al Regarding Article, "Cell Therapy for Heart Failure: A Comprehensive Overview of Experimental and Clinical Studies, Current Challenges, and Future Directions" Circulation Research, 2014, 115, e32.	2.0	1
46	Intracoronary Cardiosphere-Derived Cells After Myocardial Infarction. Journal of the American College of Cardiology, 2014, 63, 110-122.	1.2	468
47	Comparison of the Relation Between Left Ventricular Anatomy and QRS Duration in Patients With Cardiomyopathy With Versus Without Left Bundle Branch Block. American Journal of Cardiology, 2014, 113, 1717-1722.	0.7	29
48	Reference Values of Myocardial Structure, Function, and Tissue Composition by Cardiac Magnetic Resonance in Healthy African-Americans at 3T and Their Relations to Serologic and Cardiovascular Risk Factors. American Journal of Cardiology, 2014, 114, 789-795.	0.7	23
49	Myocardial steatosis and its association with obesity and regional ventricular dysfunction: Evaluated by magnetic resonance tagging and 1H spectroscopy in healthy African Americans. International Journal of Cardiology, 2014, 172, 381-387.	0.8	20
50	Metabolic Rates of ATP Transfer Through Creatine Kinase (CK Flux) Predict Clinical Heart Failure Events and Death. Science Translational Medicine, 2013, 5, 215re3.	5.8	93
51	Response to Letter Regarding Article, "Combined Cardiac Magnetic Resonance Imaging and C-Reactive Protein Levels Identify a Cohort at Low Risk for Defibrillator Firings and Death" Circulation: Cardiovascular Imaging, 2012, 5, .	1.3	0
52	Allopurinol Acutely Increases Adenosine Triphosphate Energy Delivery in Failing Human Hearts. Journal of the American College of Cardiology, 2012, 59, 802-808.	1.2	92
53	Creatine kinase-mediated improvement of function in failing mouse hearts provides causal evidence the failing heart is energy starved. Journal of Clinical Investigation, 2012, 122, 291-302.	3.9	117
54	Noninvasive Visualization of Coronary Artery Endothelial Function in Healthy Subjects and in Patients With Coronary Artery Disease. Journal of the American College of Cardiology, 2010, 56, 1657-1665.	1.2	109

#	ARTICLE	IF	CITATIONS
55	Response to Letter Regarding Article, "Infarct Tissue Heterogeneity by Magnetic Resonance Imaging Identifies Enhanced Cardiac Arrhythmia Susceptibility in Patients With Left Ventricular Dysfunction" Circulation, 2007, 116, .	1.6	12
56	Altered Creatine Kinase Adenosine Triphosphate Kinetics in Failing Hypertrophied Human Myocardium. Circulation, 2006, 114, 1151-1158.	1.6	167
57	ATP flux through creatine kinase in the normal, stressed, and failing human heart. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 808-813.	3.3	277
58	An increase in the myocardial PCr/ATP ratio in GLUT4 null mice. FASEB Journal, 2002, 16, 613-615.	0.2	50
59	Hemodynamic effects of unloading the old heart. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1863-H1871.	1.5	31
60	Tissue Magnesium Levels and the Arrhythmic Substrate in Humans. Journal of Cardiovascular Electrophysiology, 1997, 8, 980-986.	0.8	28
61	Altered myocardial high-energy phosphate metabolites in patients with dilated cardiomyopathy. American Heart Journal, 1991, 122, 795-801.	1.2	248