

# Linda R Peterson

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

4,612  
citations

126907

33  
h-index

106344

65  
g-index

111  
all docs

111  
docs citations

111  
times ranked

5474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified Application of Cardiac Rehabilitation in Older Adults (MACRO) Trial: Protocol changes in a pragmatic multi-site randomized controlled trial in response to the COVID-19 pandemic. <i>Contemporary Clinical Trials</i> , 2022, 112, 106633.	1.8	4
2	Coronary circulatory function with increasing obesity: A complex Uâ€turn. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13755.	3.4	10
3	Links between ceramides and cardiac function. <i>Current Opinion in Lipidology</i> , 2022, 33, 47-56.	2.7	4
4	Skeletal Muscle Contractile Function in Heart Failure With Reduced Ejection Fractionâ€”A Focus on Nitric Oxide. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	2
5	Metabolic Biomarkers Assessed with PET/CT Predict Sex-Specific Longitudinal Outcomes in Patients with Diffuse Large B-Cell Lymphoma. <i>Cancers</i> , 2022, 14, 2932.	3.7	5
6	Heart Failure With Reduced Ejection Fraction: â€œThe Importance of Being Frailâ€• <i>Circulation</i> , 2022, 146, 91-93.	1.6	1
7	Myocardial glucose and fatty acid metabolism is altered and associated with lower cardiac function in young adults with Barth syndrome. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1649-1659.	2.1	21
8	Quantification of myocardial oxygen extraction fraction: A proofâ€ofâ€concept study. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3318-3325.	3.0	2
9	A Single Dose of Dietary Nitrate Increases Maximal Knee Extensor Angular Velocity and Power in Healthy Older Men and Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1154-1160.	3.6	30
10	Cardiovascular Safety of Abaloparatide in Postmenopausal Women With Osteoporosis: Analysis From the ACTIVE Phase 3 Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3384-3395.	3.6	24
11	Simultaneous Pharmacokinetic Analysis of Nitrate and its Reduced Metabolite, Nitrite, Following Ingestion of Inorganic Nitrate in a Mixed Patient Population. <i>Pharmaceutical Research</i> , 2020, 37, 235.	3.5	11
12	Dietary Patterns, Ceramide Ratios, and Risk of All-Cause and Cause-Specific Mortality: The Framingham Offspring Study. <i>Journal of Nutrition</i> , 2020, 150, 2994-3004.	2.9	18
13	Alterations in plasma triglycerides and ceramides: links with cardiac function in humans with type 2 diabetes. <i>Journal of Lipid Research</i> , 2020, 61, 1065-1074.	4.2	11
14	Cardiac Rehabilitation: You Can't Have â€œToo Much of a Good Thingâ€• <i>Journal of Cardiac Failure</i> , 2020, 26, 652-653.	1.7	2
15	Circulating ceramide ratios and risk of vascular brain aging and dementia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 160-168.	3.7	25
16	Metabolic and Molecular Imaging of the Diabetic Cardiomyopathy. <i>Circulation Research</i> , 2020, 126, 1628-1645.	4.5	44
17	Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations. <i>Journal of Lipid and Atherosclerosis</i> , 2020, 9, 172.	3.5	10
18	Weight Loss Affects Intramyocardial Glucose Metabolism in Obese Humans. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009241.	2.6	4

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19	PET Imaging of Myocardial Metabolism in Health and Disease. , 2019, , 175-202.		0
20	Association of Circulating Ceramides With Cardiac Structure and Function in the Community: The Framingham Heart Study. Journal of the American Heart Association, 2019, 8, e013050.	3.7	29
21	Blunted fat oxidation upon submaximal exercise is partially compensated by enhanced glucose metabolism in children, adolescents, and young adults with Barth syndrome. Journal of Inherited Metabolic Disease, 2019, 42, 480-493.	3.6	24
22	[Reply to Notarius]. Journal of Cardiac Failure, 2019, 25, 223.	1.7	0
23	Dietary nitrate's effects on exercise performance in heart failure with reduced ejection fraction (HFrEF). Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 735-740.	3.8	7
24	Contemporary Advances in Myocardial Metabolic Imaging and Their Impact on Clinical Care: a Focus on Positron Emission Tomography (PET). Current Cardiovascular Imaging Reports, 2018, 11, 1.	0.6	1
25	Reduced Muscle Strength in Barth Syndrome May Be Improved by Resistance Exercise Training: A Pilot Study. JIMD Reports, 2018, 41, 63-72.	1.5	13
26	Dietary nitrate-induced increases in human muscle power: high versus low responders. Physiological Reports, 2018, 6, e13575.	1.7	46
27	Dietary Nitrate Increases VO <sub>2</sub> peak and Performance but Does Not Alter Ventilation or Efficiency in Patients With Heart Failure With Reduced Ejection Fraction. Journal of Cardiac Failure, 2018, 24, 65-73.	1.7	38
28	Bariatric Surgeryâ€“Induced Cardiac and Lipidomic Changes in Obesityâ€“Related Heart Failure with Preserved Ejection Fraction. Obesity, 2018, 26, 284-290.	3.0	68
29	Peak oxygen uptake (VO <sub>2</sub> peak) across childhood, adolescence and young adulthood in Barth syndrome: Data from cross-sectional and longitudinal studies. PLoS ONE, 2018, 13, e0197776.	2.5	13
30	Dietary Nitrate Enhances the Contractile Properties of Human Skeletal Muscle. Exercise and Sport Sciences Reviews, 2018, 46, 254-261.	3.0	52
31	Identifying the Critical Gaps in Research on Sex Differences in Metabolism Across the Life Span. Endocrinology, 2018, 159, 9-19.	2.8	25
32	Ceramide Remodeling and Risk of Cardiovascular Events and Mortality. Journal of the American Heart Association, 2018, 7, .	3.7	113
33	Sex affects myocardial blood flow and fatty acid substrate metabolism in humans with nonischemic heart failure. Journal of Nuclear Cardiology, 2017, 24, 1226-1235.	2.1	27
34	Impaired cardiac and skeletal muscle bioenergetics in children, adolescents, and young adults with Barth syndrome. Physiological Reports, 2017, 5, e13130.	1.7	33
35	Cardiac Metabolism â€“ The Link to Clinical Practice. , 2016, , 191-205.		0
36	Effect of Ambrisentan on Exercise Capacity in Adult Patients After the Fontan Procedure. American Journal of Cardiology, 2016, 117, 1524-1532.	1.6	30

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37	Assessing Cardiac Metabolism. <i>Circulation Research</i> , 2016, 118, 1659-1701.	4.5	211
38	Increase in Maximal Cycling Power With Acute Dietary Nitrate Supplementation. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 715-720.	2.3	54
39	Endurance Exercise Training in Young Adults with Barth Syndrome: A Pilot Study. <i>JIMD Reports</i> , 2016, 32, 15-24.	1.5	20
40	â€œSeXXâ€™ matters: In the myocardium of patients with type 1 diabetes. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 970-972.	2.1	1
41	Dietary Nitrate and Skeletal Muscle Contractile Function in Heart Failure. <i>Current Heart Failure Reports</i> , 2016, 13, 158-165.	3.3	16
42	A Diet Rich in Medium-Chain Fatty Acids Improves Systolic Function and Alters the Lipidomic Profile in Patients With Type 2 Diabetes: A Pilot Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 504-512.	3.6	39
43	Type 2 diabetes, obesity, and sex difference affect the fate of glucose in the human heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1510-H1516.	3.2	31
44	Acute Dietary Nitrate Intake Improves Muscle Contractile Function in Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 914-920.	3.9	105
45	To Lose Weight or Not to Lose Weight, That Is the Big Questionâ€”in Obesity-Related Heart Failure. <i>Diabetes</i> , 2015, 64, 1509-1510.	0.6	4
46	Effect of acute dietary nitrate intake on maximal knee extensor speed and power in healthy men and women. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 48, 16-21.	2.7	121
47	Noncontrast skeletal muscle oximetry. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 318-325.	3.0	34
48	Development and validation of LC-MS/MS method for determination of very long acyl chain (C22:0 and Tj ETQq0 0,0,rgBT /Overlock 10	3.7	26
49	Relationships Among HIV Infection, Metabolic Risk Factors, and Left Ventricular Structure and Function. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 1151-1160.	1.1	3
50	A â€œPETâ€•area of interest: myocardial metabolism in human systolic heart failure. <i>Heart Failure Reviews</i> , 2013, 18, 567-574.	3.9	21
51	Substrate metabolism during basal and hyperinsulinemic conditions in adolescents and youngâ€•adults with Barth syndrome. <i>Journal of Inherited Metabolic Disease</i> , 2013, 36, 91-101.	3.6	42
52	Pilot Study of Pioglitazone and Exercise Training Effects on Basal Myocardial Substrate Metabolism and Left Ventricular Function in HIV-Positive Individuals with Metabolic Complications. <i>HIV Clinical Trials</i> , 2013, 14, 303-312.	2.0	10
53	Impact of sex on the heart's metabolic and functional responses to diabetic therapies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1584-H1591.	3.2	67
54	Sex and Type 2 Diabetes: Obesityâ€•Independent Effects on Left Ventricular Substrate Metabolism and Relaxation in Humans. <i>Obesity</i> , 2012, 20, 802-810.	3.0	71

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55	Diabetic Cardiovascular Disease: Getting to the Heart of the Matter. Journal of Cardiovascular Translational Research, 2012, 5, 436-445.	2.4	23
56	Myocardial Oxygen Consumption Change Predicts Left Ventricular Relaxation Improvement in Obese Humans After Weight Loss. Obesity, 2011, 19, 1804-1812.	3.0	62
57	Alterations in Cardiac Metabolism. , 2011, , 312-329.		0
58	Potential of abnormalities in myocardial metabolism with the development of diabetes in women with obesity and insulin resistance. Journal of Nuclear Cardiology, 2011, 18, 421-429.	2.1	38
59	Effects of human immunodeficiency virus and metabolic complications on myocardial nutrient metabolism, blood flow, and oxygen consumption: a cross-sectional analysis. Cardiovascular Diabetology, 2011, 10, 111.	6.8	10
60	Intramyocardial triglyceride quantification by magnetic resonance spectroscopy: In vivo and ex vivo correlation in human subjects. Magnetic Resonance in Medicine, 2011, 65, 1234-1238.	3.0	29
61	Bayesian Parameter Estimation for Characterizing the Cyclic Variation of Echocardiographic Backscatter to Assess the Hearts of Asymptomatic Type 2 Diabetes Mellitus Subjects. Ultrasound in Medicine and Biology, 2011, 37, 805-812.	1.5	3
62	Echocardiographic Tissue Characterization Demonstrates Differences in the Left and Right Sides of the Ventricular Septum. Ultrasound in Medicine and Biology, 2010, 36, 1653-1661.	1.5	7
63	Radionuclide Imaging of Myocardial Metabolism. Circulation: Cardiovascular Imaging, 2010, 3, 211-222.	2.6	69
64	Adipose Tissue Imaging. JACC: Cardiovascular Imaging, 2010, 3, 852-853.	5.3	2
65	Imaging of Myocardial Metabolism. , 2010, , 641-656.		0
66	Myocardial Metastasis or Benign Brown Fat?. Circulation: Cardiovascular Imaging, 2009, 2, e25-7.	2.6	11
67	Quantitative Analysis of the Magnitude and Time Delay of Cyclic Variation of Myocardial Backscatter from Asymptomatic Type 2 Diabetes Mellitus Subjects. Ultrasound in Medicine and Biology, 2009, 35, 1458-1467.	1.5	8
68	Worksite Opportunities for Wellness (WOW): Effects on cardiovascular disease risk factors after 1Åyear. Preventive Medicine, 2009, 49, 108-114.	3.4	91
69	The Controversy Regarding Contrast Echocardiography and How It Affects Patients With the Cardiometabolic Syndrome. Journal of the Cardiometabolic Syndrome, 2008, 3, 188-191.	1.7	0
70	Strain Imaging Using Speckle Tracking in the Cardiometabolic Syndrome: Method and Utility. Journal of the Cardiometabolic Syndrome, 2008, 3, 258-261.	1.7	6
71	Impact of Gender on the Myocardial Metabolic Response to Obesity. JACC: Cardiovascular Imaging, 2008, 1, 424-433.	5.3	128
72	Cardiovascular consequences of obesity and targets for treatment. Drug Discovery Today: Therapeutic Strategies, 2008, 5, 53-61.	0.5	11

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73	Fatty Acids and Insulin Modulate Myocardial Substrate Metabolism in Humans With Type 1 Diabetes. <i>Diabetes</i> , 2008, 57, 32-40.	0.6	76
74	Effects of soy protein isolate and moderate exercise on bone turnover and bone mineral density in postmenopausal women. <i>Menopause</i> , 2007, 14, 481-488.	2.0	65
75	Sex differences in myocardial oxygen and glucose metabolism. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 573-581.	2.1	64
76	Limits of a localized magnetic resonance spectroscopy assay for ex vivo myocardial triacylglycerol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 382-389.	2.8	3
77	Positron Emission Tomography Imaging in the Cardiometabolic Syndrome. <i>Journal of the Cardiometabolic Syndrome</i> , 2007, 2, 67-69.	1.7	0
78	Myocardial metabolism and cardiac performance in obesity and insulin resistance. <i>Current Cardiology Reports</i> , 2007, 9, 143-149.	2.9	29
79	Alterations in Left Ventricular Structure and Function in Type-1 Diabetics: A Focus on Left Atrial Contribution to Function. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 749-755.	2.8	23
80	Increased Myocardial Fatty Acid Metabolism in Patients With Type 1 Diabetes Mellitus. <i>Journal of the American College of Cardiology</i> , 2006, 47, 598-604.	2.8	226
81	Obesity and insulin resistance: Effects on cardiac structure, function, and substrate metabolism. <i>Current Hypertension Reports</i> , 2006, 8, 451-456.	3.5	36
82	Measurements of the Cyclic Variation of Myocardial Backscatter From Two-Dimensional Echocardiographic Images as an Approach for Characterizing Diabetic Cardiomyopathy. <i>Journal of the Cardiometabolic Syndrome</i> , 2006, 1, 149-152.	1.7	17
83	Prospective Comparison of Ventilatory Equivalent Versus Peak Oxygen Consumption in Predicting Outcomes of Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2006, 97, 1607-1610.	1.6	7
84	The Cardiometabolic Syndrome and Cardiovascular Disease. <i>Journal of the Cardiometabolic Syndrome</i> , 2006, 1, 25-28.	1.7	15
85	Evaluation of Diastole in an Obese Young Woman: Mitral Valve Inflow Doppler vs. Mitral Annular Tissue Doppler Imaging. <i>Journal of the Cardiometabolic Syndrome</i> , 2006, 1, 74-75.	1.7	2
86	Impact of hormone replacement on myocardial fatty acid metabolism: Potential role of estrogen. <i>Journal of Nuclear Cardiology</i> , 2005, 12, 574-581.	2.1	39
87	Aerobic power and insulin action improve in response to endurance exercise training in healthy 77-87 yr olds. <i>Journal of Applied Physiology</i> , 2005, 98, 40-45.	2.5	97
88	The Safety of Performing Diagnostic Cardiac Catheterizations in a Mobile Catheterization Laboratory at Primary Care Hospitals. <i>Angiology</i> , 2004, 55, 499-506.	1.8	5
89	Effect of Obesity and Insulin Resistance on Myocardial Substrate Metabolism and Efficiency in Young Women. <i>Circulation</i> , 2004, 109, 2191-2196.	1.6	559
90	Absence of left ventricular and arterial adaptations to exercise in octogenarians. <i>Journal of Applied Physiology</i> , 2004, 97, 1654-1659.	2.5	17

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91	Alterations in left ventricular structure and function in young healthy obese women. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1399-1404.	2.8	403
92	Comparison of effects of exercise and diuretic on left ventricular geometry, mass, and insulin resistance in older hypertensive adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R360-R368.	1.8	26
93	The effect of $\beta^2$ -adrenergic blockers on the prognostic value of peak exercise oxygen uptake in patients with heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2003, 22, 70-77.	0.6	51
94	Timing of cardiac transplantation in patients with heart failure receiving $\beta^2$ -adrenergic blockers. <i>Journal of Heart and Lung Transplantation</i> , 2003, 22, 1141-1148.	0.6	74
95	Myocardial Fatty Acid Metabolism. <i>Hypertension</i> , 2003, 41, 83-87.	2.7	141
96	Peak exercise stroke volume: associations with cardiac structure and diastolic function. <i>Journal of Applied Physiology</i> , 2003, 94, 1108-1114.	2.5	22
97	Attenuation of cardiovascular adaptations to exercise in frail octogenarians. <i>Journal of Applied Physiology</i> , 2003, 95, 1781-1788.	2.5	77
98	Effect of target stenosis and location on radial artery graft patency. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 45-52.	0.8	179
99	Short-term oral estrogen replacement therapy does not augment endothelium-independent myocardial perfusion in postmenopausal women. <i>American Heart Journal</i> , 2001, 142, 641-647.	2.7	19
100	Estrogen Increases Hyperemic Microvascular Blood Flow Velocity in Postmenopausal Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2000, 55, M174-M179.	3.6	9
101	Reperfusion therapy in patients with acute myocardial infarction and prior coronary artery bypass graft surgery (National Registry of Myocardial Infarction-2). <i>American Journal of Cardiology</i> , 1999, 84, 1287-1291.	1.6	26
102	Value of saphenous vein graft markers during subsequent diagnostic cardiac catheterization. <i>Annals of Thoracic Surgery</i> , 1999, 68, 2263-2266.	1.3	15
103	Sinus Node Artery Fistula. <i>Circulation</i> , 1998, 97, 499-500.	1.6	1
104	Estrogen replacement therapy and coronary artery disease. <i>Current Opinion in Cardiology</i> , 1998, 13, 223-231.	1.8	19
105	Ehrlichiosis presenting as a life-threatening illness with features of the toxic shock syndrome. <i>American Journal of Medicine</i> , 1993, 95, 351-357.	1.5	113