

# Margery A Connelly

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,504  
citations

201674

27  
h-index

223800

46  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2946  
citing authors

#	ARTICLE	IF	CITATIONS
1	GlycA: A Composite Nuclear Magnetic Resonance Biomarker of Systemic Inflammation. <i>Clinical Chemistry</i> , 2015, 61, 714-723.	3.2	286
2	GlycA, a novel biomarker of systemic inflammation and cardiovascular disease risk. <i>Journal of Translational Medicine</i> , 2017, 15, 219.	4.4	163
3	Lipoprotein Insulin Resistance Index: A Lipoprotein Particle-Derived Measure of Insulin Resistance. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 422-429.	1.3	124
4	NMR measurement of LDL particle number using the Vantera® Clinical Analyzer. <i>Clinical Biochemistry</i> , 2014, 47, 203-210.	1.9	108
5	TMAO is Associated with Mortality: Impact of Modestly Impaired Renal Function. <i>Scientific Reports</i> , 2017, 7, 13781.	3.3	96
6	Impact of obeticholic acid on the lipoprotein profile in patients with non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2020, 72, 25-33.	3.7	88
7	GlycA, a marker of acute phase glycoproteins, and the risk of incident type 2 diabetes mellitus: PREVEND study. <i>Clinica Chimica Acta</i> , 2016, 452, 10-17.	1.1	80
8	GlycA, a Pro-Inflammatory Glycoprotein Biomarker, and Incident Cardiovascular Disease: Relationship with C-Reactive Protein and Renal Function. <i>PLoS ONE</i> , 2015, 10, e0139057.	2.5	76
9	A novel NMR-based assay to measure circulating concentrations of branched-chain amino acids: Elevation in subjects with type 2 diabetes mellitus and association with carotid intima media thickness. <i>Clinical Biochemistry</i> , 2018, 54, 92-99.	1.9	71
10	Non-Alcoholic Fatty Liver Disease and Risk of Incident Type 2 Diabetes: Role of Circulating Branched-Chain Amino Acids. <i>Nutrients</i> , 2019, 11, 705.	4.1	67
11	Inflammatory glycoproteins in cardiometabolic disorders, autoimmune diseases and cancer. <i>Clinica Chimica Acta</i> , 2016, 459, 177-186.	1.1	66
12	Plasma Branched-Chain Amino Acids and Risk of Incident Type 2 Diabetes: Results from the PREVEND Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2018, 7, 513.	2.4	60
13	Rosuvastatin improves the FGF19 analogue NGM282-associated lipid changes in patients with non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2019, 70, 735-744.	3.7	60
14	Utility of a novel inflammatory marker, GlycA, for assessment of rheumatoid arthritis disease activity and coronary atherosclerosis. <i>Arthritis Research and Therapy</i> , 2015, 17, 117.	3.5	59
15	HDL particle number measured on the Vantera®, the first clinical NMR analyzer. <i>Clinical Biochemistry</i> , 2015, 48, 148-155.	1.9	51
16	Branched Chain Amino Acids Are Associated with Insulin Resistance Independent of Leptin and Adiponectin in Subjects with Varying Degrees of Glucose Tolerance. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 183-186.	1.3	49
17	Associations Between High-Density Lipoprotein Particles and Ischemic Events by Vascular Domain, Sex, and Ethnicity. <i>Circulation</i> , 2020, 142, 657-669.	1.6	49
18	Concentration of Branched-Chain Amino Acids Is a Strong Risk Marker for Incident Hypertension. <i>Hypertension</i> , 2019, 74, 1428-1435.	2.7	46

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19	GlycA, a biomarker of inflammatory glycoproteins, is more closely related to the leptin/adiponectin ratio than to glucose tolerance status. <i>Clinical Biochemistry</i> , 2015, 48, 811-814.	1.9	42
20	Relations of GlycA and lipoprotein particle subspecies with cardiovascular events and mortality: A post hoc analysis of the AIM-HIGH trial. <i>Journal of Clinical Lipidology</i> , 2018, 12, 348-355.e2.	1.5	41
21	Ketone Bodies Are Mildly Elevated in Subjects with Type 2 Diabetes Mellitus and Are Inversely Associated with Insulin Resistance as Measured by the Lipoprotein Insulin Resistance Index. <i>Journal of Clinical Medicine</i> , 2020, 9, 321.	2.4	40
22	A novel inflammatory biomarker, GlycA, associates with disease activity in rheumatoid arthritis and cardio-metabolic risk in BMI-matched controls. <i>Arthritis Research and Therapy</i> , 2016, 18, 86.	3.5	39
23	High-density lipoprotein and inflammation in cardiovascular disease. <i>Translational Research</i> , 2016, 173, 7-18.	5.0	35
24	NMR quantification of trimethylamine- N -oxide in human serum and plasma in the clinical laboratory setting. <i>Clinical Biochemistry</i> , 2017, 50, 947-955.	1.9	34
25	Lipoprotein insulin resistance index, a high-throughput measure of insulin resistance, is associated with incident type II diabetes mellitus in the Prevention of Renal and Vascular End-Stage Disease study. <i>Journal of Clinical Lipidology</i> , 2019, 13, 129-137.e1.	1.5	31
26	Circulating trimethylamineâ€œN</i>â€œoxide is associated with allâ€œcause mortality in subjects with nonalcoholic fatty liver disease. <i>Liver International</i> , 2021, 41, 2371-2382.	3.9	31
27	A novel protein glycan biomarker and <sc>LCAT</sc> activity in metabolic syndrome. <i>European Journal of Clinical Investigation</i> , 2015, 45, 850-859.	3.4	30
28	High Betaine, a Trimethylamine N-Oxide Related Metabolite, Is Prospectively Associated with Low Future Risk of Type 2 Diabetes Mellitus in the PREVEND Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1813.	2.4	27
29	The extended lipid panel assay: a clinically-deployed high-throughput nuclear magnetic resonance method for the simultaneous measurement of lipids and Apolipoprotein B. <i>Lipids in Health and Disease</i> , 2020, 19, 247.	3.0	27
30	HDL Particle Subspecies and Their Association With Incident Type 2 Diabetes: The PREVEND Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1761-1772.	3.6	27
31	GlycA and hsCRP are independent and additive predictors of future cardiovascular events among patients undergoing angiography: The intermountain heart collaborative study. <i>American Heart Journal</i> , 2018, 202, 27-32.	2.7	26
32	Calorie restriction improves lipid-related emerging cardiometabolic risk factors in healthy adults without obesity: Distinct influences of BMI and sex from CALERIEâ„¢, a multicentre, phase 2, randomised controlled trial. <i>EClinicalMedicine</i> , 2022, 43, 101261.	7.1	26
33	Differences in GlycA and lipoprotein particle parameters may help distinguish acute kawasaki disease from other febrile illnesses in children. <i>BMC Pediatrics</i> , 2016, 16, 151.	1.7	25
34	Association of betaâ€œhydroxybutyrate with development of heart failure: Sex differences in a Dutch population cohort. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13468.	3.4	25
35	Triglyceride-rich lipoprotein and LDL particle subfractions and their association with incident type 2 diabetes: the PREVEND study. <i>Cardiovascular Diabetology</i> , 2021, 20, 156.	6.8	23
36	Association of the Composite Inflammatory Biomarker GlycA, with Exercise-Induced Changes in Body Habitus in Men and Women with Prediabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	22

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37	A Newly Developed Diabetes Risk Index, Based on Lipoprotein Subfractions and Branched Chain Amino Acids, is Associated with Incident Type 2 Diabetes Mellitus in the PREVEND Cohort. <i>Journal of Clinical Medicine</i> , 2020, 9, 2781.	2.4	21
38	Nonalcoholic fatty liver disease, circulating ketone bodies and all-cause mortality in a general population-based cohort. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13627.	3.4	20
39	A pro-inflammatory glycoprotein biomarker is associated with lower bilirubin in metabolic syndrome. <i>Clinical Biochemistry</i> , 2015, 48, 1045-1047.	1.9	19
40	Differential Associations of Circulating MicroRNAs With Pathogenic Factors in NAFLD. <i>Hepatology Communications</i> , 2020, 4, 670-680.	4.3	19
41	Characterization of LP-Z Lipoprotein Particles and Quantification in Subjects with Liver Disease Using a Newly Developed NMR-Based Assay. <i>Journal of Clinical Medicine</i> , 2020, 9, 2915.	2.4	18
42	GlycA, a novel proinflammatory glycoprotein biomarker, and high-sensitivity C-reactive protein are inversely associated with sodium intake after controlling for adiposity: the Prevention of Renal and Vascular End-Stage Disease study. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 415-422.	4.7	17
43	Lower Plasma Magnesium, Measured by Nuclear Magnetic Resonance Spectroscopy, is Associated with Increased Risk of Developing Type 2 Diabetes Mellitus in Women: Results from a Dutch Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 169.	2.4	16
44	Higher plasma GlycA, a novel pro-inflammatory glycoprotein biomarker, is associated with reduced life expectancy: The PREVEND study. <i>Clinica Chimica Acta</i> , 2019, 488, 7-12.	1.1	15
45	Decreased GlycA after lifestyle intervention among obese, prediabetic adolescent Latinos. <i>Journal of Clinical Lipidology</i> , 2019, 13, 186-193.	1.5	14
46	Plasma phospholipid transfer protein activity is inversely associated with betaine in diabetic and non-diabetic subjects. <i>Lipids in Health and Disease</i> , 2016, 15, 143.	3.0	13
47	Primary aldosteronism is associated with decreased low-density and high-density lipoprotein particle concentrations and increased GlycA, a pro-inflammatory glycoprotein biomarker. <i>Clinical Endocrinology</i> , 2019, 90, 79-87.	2.4	13
48	Effect of Metformin Treatment on Lipoprotein Subfractions in Non-Diabetic Patients with Acute Myocardial Infarction: A Glycometabolic Intervention as Adjunct to Primary Coronary Intervention in ST Elevation Myocardial Infarction (GIPS-III) Trial. <i>PLoS ONE</i> , 2016, 11, e0145719.	2.5	13
49	Quantification of choline in serum and plasma using a clinical nuclear magnetic resonance analyzer. <i>Clinica Chimica Acta</i> , 2022, 524, 106-112.	1.1	12
50	Effects of Amount, Intensity, and Mode of Exercise Training on Insulin Resistance and Type 2 Diabetes Risk in the STRRIDE Randomized Trials. <i>Frontiers in Physiology</i> , 2021, 12, 626142.	2.8	11
51	Impact on cardiometabolic risk of a weight loss intervention with higher protein from lean red meat: Combined results of 2 randomized controlled trials in obese middle-aged and older adults. <i>Journal of Clinical Lipidology</i> , 2019, 13, 920-931.	1.5	10
52	Circulating Trimethylamine N-Oxide Is Associated with Increased Risk of Cardiovascular Mortality in Type-2 Diabetes: Results from a Dutch Diabetes Cohort (ZODIAC-59). <i>Journal of Clinical Medicine</i> , 2021, 10, 2269.	2.4	10
53	High-Density Lipoprotein Particles and Their Relationship to Posttransplantation Diabetes Mellitus in Renal Transplant Recipients. <i>Biomolecules</i> , 2020, 10, 481.	4.0	9
54	High-throughput nuclear magnetic resonance measurement of citrate in serum and plasma in the clinical laboratory. <i>Practical Laboratory Medicine</i> , 2021, 25, e00213.	1.3	9

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55	The Systemic Redox Status Is Maintained in Non-Smoking Type 2 Diabetic Subjects Without Cardiovascular Disease: Association with Elevated Triglycerides and Large VLDL. <i>Journal of Clinical Medicine</i> , 2020, 9, 49.	2.4	8
56	Association of Circulating Trimethylamine N-Oxide and Its Dietary Determinants with the Risk of Kidney Graft Failure: Results of the TransplantLines Cohort Study. <i>Nutrients</i> , 2021, 13, 262.	4.1	8
57	Vitamin B6, Inflammation, and Cardiovascular Outcome in a Population-Based Cohort: The Prevention of Renal and Vascular End-Stage Disease (PREVEND) Study. <i>Nutrients</i> , 2020, 12, 2711.	4.1	7
58	High Plasma Branched-Chain Amino Acids Are Associated with Higher Risk of Post-Transplant Diabetes Mellitus in Renal Transplant Recipients. <i>Journal of Clinical Medicine</i> , 2020, 9, 511.	2.4	6
59	Review article: the impact of liver-directed therapies on the atherogenic risk profile in non-alcoholic steatohepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 619-636.	3.7	6
60	Blood Mg <sup>2+</sup> is more closely associated with hyperglycaemia than with hypertriglycerolaemia: the PREVEND study. <i>Diabetologia</i> , 2019, 62, 1732-1734.	6.3	5
61	Plasma branched chain amino acids are lower in short-term profound hypothyroidism and increase in response to thyroid hormone supplementation. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020, 80, 562-566.	1.2	5
62	A metabolomic index based on lipoprotein subfractions and branched chain amino acids is associated with incident hypertension. <i>European Journal of Internal Medicine</i> , 2021, 94, 56-63.	2.2	5
63	Branched chain amino acids are associated with metabolic complications in liver transplant recipients. <i>Clinical Biochemistry</i> , 2022, 102, 26-33.	1.9	5
64	Plasma creatine concentration is associated with incident hypertension in a cohort enriched for the presence of high urinary albumin concentration: the Prevention of Renal and Vascular Endstage Disease study. <i>Journal of Hypertension</i> , 2022, 40, 229-239.	0.5	4
65	Mahalanobis distance, a novel statistical proxy of homeostasis loss is longitudinally associated with risk of type 2 diabetes. <i>EBioMedicine</i> , 2021, 71, 103550.	6.1	4
66	Temporal Course of Plasma Trimethylamine N-Oxide (TMAO) Levels in ST-Elevation Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2021, 10, 5677.	2.4	4
67	Effects of hepato-preferential basal insulin peglispro on nuclear magnetic resonance biomarkers lipoprotein insulin resistance index and GlycA in patients with diabetes. <i>Biomarkers in Medicine</i> , 2017, 11, 991-1001.	1.4	3
68	Compositional Features of HDL Particles Interact with Albuminuria to Modulate Cardiovascular Disease Risk. <i>International Journal of Molecular Sciences</i> , 2019, 20, 977.	4.1	3
69	Daily transient coating of the intestine leads to weight loss and improved glucose tolerance. <i>Metabolism: Clinical and Experimental</i> , 2022, 126, 154917.	3.4	3
70	Circulating high density lipoprotein distinguishes alcoholic hepatitis from heavy drinkers and predicts 90-day outcome. <i>Journal of Clinical Lipidology</i> , 2021, 15, 805-813.	1.5	3
71	Lipoprotein Z, a hepatotoxic lipoprotein, predicts outcome in alcohol-associated hepatitis. <i>Hepatology</i> , 2022, 75, 968-982.	7.3	3
72	Higher free triiodothyronine is associated with higher HDL particle concentration and smaller HDL particle size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , .	3.6	3

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73	Profoundly Disturbed Lipoproteins in Cirrhotic Patients: Role of Lipoprotein-Z, a Hepatotoxic LDL-like Lipoprotein. <i>Journal of Clinical Medicine</i> , 2022, 11, 1223.	2.4	3
74	Nuclear magnetic resonance technology and clinical applications. , 2020, , 187-200.		2
75	Nuclear Magnetic Resonance-Measured Ionized Magnesium Is Inversely Associated with Type 2 Diabetes in the Insulin Resistance Atherosclerosis Study. <i>Nutrients</i> , 2022, 14, 1792.	4.1	2
76	High plasma levels of betaine, a trimethylamine $\text{N}^{\oplus}\text{Oxide}$ -related metabolite, are associated with the severity of cirrhosis. <i>Liver International</i> , 2022, , .	3.9	2
77	Lipoprotein insulin resistance score and branched-chain amino acids increase after adrenalectomy for unilateral aldosterone-producing adenoma: a preliminary study. <i>Endocrine</i> , 2020, 68, 420-426.	2.3	1