

# Timothy J Lyons

## List of Publications by Year in Descending Order

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

140  
papers

12,006  
citations

48  
h-index

109  
g-index

151  
ext. papers

13,463  
ext. citations

5.6  
avg, IF

5.74  
L-index

#	Paper	IF	Citations
140	Dietary Blueberry and Soluble Fiber Supplementation Reduces Risk of Gestational Diabetes in Women with Obesity in a Randomized Controlled Trial. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 1128-1138	4.1	9
139	Serum urate and cardiovascular events in the DCCT/EDIC study. <i>Scientific Reports</i> , <b>2021</b> , 11, 14182	4.9	0
138	Effects of modified lipoproteins on human trophoblast cells: a role in pre-eclampsia in pregnancies complicated by diabetes. <i>BMJ Open Diabetes Research and Care</i> , <b>2021</b> , 9,	4.5	1
137	Effects of Acute Cocoa Supplementation on Postprandial Apolipoproteins, Lipoprotein Subclasses, and Inflammatory Biomarkers in Adults with Type 2 Diabetes after a High-Fat Meal. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	9
136	Amitriptyline inhibits nonalcoholic steatohepatitis and atherosclerosis induced by high-fat diet and LPS through modulation of sphingolipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E131-E144	6	8
135	Fetal circulating human resistin increases in diabetes during pregnancy and impairs placental mitochondrial biogenesis. <i>Molecular Medicine</i> , <b>2020</b> , 26, 76	6.2	1
134	Vitamin D Metabolites and Binding Protein Predict Preeclampsia in Women with Type 1 Diabetes. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	1
133	Antioxidants, oxidative stress, and preeclampsia in diabetes <b>2020</b> , 151-159		
132	Effects of Modified Low-Density Lipoproteins and Fenofibrate on an Outer Blood-Retina Barrier Model: Implications for Diabetic Retinopathy. <i>Journal of Ocular Pharmacology and Therapeutics</i> , <b>2020</b> , 36, 754-764	2.6	2
131	Longitudinal Plasma Kallikrein Levels and Their Association With the Risk of Cardiovascular Disease Outcomes in Type 1 Diabetes in DCCT/EDIC. <i>Diabetes</i> , <b>2020</b> , 69, 2440-2445	0.9	0
130	Haptoglobin Phenotype Modulates Lipoprotein-Associated Risk for Preeclampsia in Women With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 4743-4755	5.6	4
129	Serum apolipoproteins and apolipoprotein-defined lipoprotein subclasses: a hypothesis-generating prospective study of cardiovascular events in T1D. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 1432-1439	6.3	13
128	Raspberries Improve Postprandial Glucose and Acute and Chronic Inflammation in Adults with Type 2 Diabetes. <i>Annals of Nutrition and Metabolism</i> , <b>2019</b> , 74, 165-174	4.5	29
127	Serum pigment epithelium-derived factor: Relationships with cardiovascular events, renal dysfunction, and mortality in the Veterans Affairs Diabetes Trial (VADT) cohort. <i>Journal of Diabetes and Its Complications</i> , <b>2019</b> , 33, 107410	3.2	4
126	Uncoupled turnover disrupts mitochondrial quality control in diabetic retinopathy. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	18
125	Dietary berries, insulin resistance and type 2 diabetes: an overview of human feeding trials. <i>Food and Function</i> , <b>2019</b> , 10, 6227-6243	6.1	25
124	Analysis of sphingolipid composition in human vitreous from control and diabetic individuals. <i>Journal of Diabetes and Its Complications</i> , <b>2019</b> , 33, 195-201	3.2	11

123	Interaction of palmitate and LPS regulates cytokine expression and apoptosis through sphingolipids in human retinal microvascular endothelial cells. <i>Experimental Eye Research</i> , <b>2019</b> , 178, 61-71	3.7	7
122	Apolipoprotein-defined lipoprotein subclasses, serum apolipoproteins, and carotid intima-media thickness in T1D. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 872-883	6.3	3
121	Saturated fatty acid combined with lipopolysaccharide stimulates a strong inflammatory response in hepatocytes in vivo and in vitro. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E745-E757	6	16
120	Subclinical First Trimester Renal Abnormalities Are Associated With Preeclampsia in Normoalbuminuric Women With Type 1 Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, 120-127	14.6	7
119	Strawberries decrease circulating levels of tumor necrosis factor and lipid peroxides in obese adults with knee osteoarthritis. <i>Food and Function</i> , <b>2018</b> , 9, 6218-6226	6.1	24
118	Response to Comment on Kelly et al. Subclinical First Trimester Renal Abnormalities Are Associated With Preeclampsia in Normoalbuminuric Women With Type 1 Diabetes. <i>Diabetes Care</i> 2018;41:120-127. <i>Diabetes Care</i> , <b>2018</b> , 41, e102-e103	14.6	
117	Circulating adipokines are associated with pre-eclampsia in women with type 1 diabetes. <i>Diabetologia</i> , <b>2017</b> , 60, 2514-2524	10.3	14
116	Effects of maternal diabetes and fetal sex on human placenta mitochondrial biogenesis. <i>Placenta</i> , <b>2017</b> , 57, 26-32	3.4	24
115	Strawberries Improve Pain and Inflammation in Obese Adults with Radiographic Evidence of Knee Osteoarthritis. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	55
114	The progress in understanding and treatment of diabetic retinopathy. <i>Progress in Retinal and Eye Research</i> , <b>2016</b> , 51, 156-86	20.5	449
113	Extravascular modified lipoproteins: a role in the propagation of diabetic retinopathy in a mouse model of type 1 diabetes. <i>Diabetologia</i> , <b>2016</b> , 59, 2026-35	10.3	12
112	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
111	Associations between intensive diabetes therapy and NMR-determined lipoprotein subclass profiles in type 1 diabetes. <i>Journal of Lipid Research</i> , <b>2016</b> , 57, 310-7	6.3	11
110	Data on carotid intima-media thickness and lipoprotein subclasses in type 1 diabetes from the Diabetes Control and Complications Trial and the Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC). <i>Data in Brief</i> , <b>2016</b> , 6, 33-8	1.2	6
109	Nuclear magnetic resonance-determined lipoprotein subclasses and carotid intima-media thickness in type 1 diabetes. <i>Atherosclerosis</i> , <b>2016</b> , 244, 93-100	3.1	13
108	Lipids and Lipoproteins as Biomarkers of Vascular Complications in Diabetes and Their Modulation by Dietary Phytochemicals <b>2016</b> , 653-672		
107	Beneficial Effects of Berberine on Oxidized LDL-Induced Cytotoxicity to Human Retinal Müller Cells <b>2016</b> , 57, 3369-79		28
106	Effects of Dietary Strawberry Supplementation on Antioxidant Biomarkers in Obese Adults with Above Optimal Serum Lipids. <i>Journal of Nutrition and Metabolism</i> , <b>2016</b> , 2016, 3910630	2.7	10

105	Cardiovascular Disease Biomarkers in Clinical Use and Their Modulation by Functional Foods <b>2016</b> , 39-62		
104	Survival or death: a dual role for autophagy in stress-induced pericyte loss in diabetic retinopathy. <i>Diabetologia</i> , <b>2016</b> , 59, 2251-61	10.3	65
103	Epidemiology of Dysglycemia in Pregnant Oklahoma American Indian Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2996-3003	5.6	8
102	Acute Cocoa Supplementation Increases Postprandial HDL Cholesterol and Insulin in Obese Adults with Type 2 Diabetes after Consumption of a High-Fat Breakfast. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 2325-32	4.1	49
101	Cord blood adipokines, neonatal anthropometrics and postnatal growth in offspring of Hispanic and Native American women with diabetes mellitus. <i>Reproductive Biology and Endocrinology</i> , <b>2015</b> , 13, 68	5	21
100	Trace elements as predictors of preeclampsia in type 1 diabetic pregnancy. <i>Nutrition Research</i> , <b>2015</b> , 35, 421-30	4	22
99	Cardiovascular Disease Biomarkers in Clinical Use and Their Modulation by Functional Foods <b>2015</b> , 1-24		
98	Lipids and Lipoproteins as Biomarkers of Vascular Complications in Diabetes and Their Modulation by Dietary Phytochemicals <b>2015</b> , 1-19		
97	Lower resting energy expenditure and fat oxidation in Native American and Hispanic infants born to mothers with diabetes. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 884-9	3.6	11
96	Roles of Extravasated and Modified Plasma Lipoproteins in Diabetic Retinopathy. <i>Contemporary Diabetes</i> , <b>2014</b> , 301-313	0	
95	Antioxidants, Oxidative Stress and Preeclampsia in Type 1 Diabetes <b>2014</b> , 247-256		
94	Strawberry as a functional food: an evidence-based review. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2014</b> , 54, 790-806	11.5	138
93	Freeze-dried strawberries lower serum cholesterol and lipid peroxidation in adults with abdominal adiposity and elevated serum lipids. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 830-7	4.1	91
92	Plasma total homocysteine and carotid intima-media thickness in type 1 diabetes: a prospective study. <i>Atherosclerosis</i> , <b>2014</b> , 236, 188-195	3.1	21
91	Immune complex formation in human diabetic retina enhances toxicity of oxidized LDL towards retinal capillary pericytes. <i>Journal of Lipid Research</i> , <b>2014</b> , 55, 860-9	6.3	35
90	GWAS identifies an NAT2 acetylator status tag single nucleotide polymorphism to be a major locus for skin fluorescence. <i>Diabetologia</i> , <b>2014</b> , 57, 1623-34	10.3	23
89	Elevated circulation levels of an antiangiogenic SERPIN in patients with diabetic microvascular complications impair wound healing through suppression of Wnt signaling. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 1725-1734	4.3	43
88	Clinical correlates of serum pigment epithelium-derived factor in type 2 diabetes patients. <i>Journal of Diabetes and Its Complications</i> , <b>2014</b> , 28, 353-9	3.2	16

87	The association of skin intrinsic fluorescence with type 1 diabetes complications in the DCCT/EDIC study. <i>Diabetes Care</i> , <b>2013</b> , 36, 3146-53	14.6	42
86	Clinical and technical factors associated with skin intrinsic fluorescence in subjects with type 1 diabetes from the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study. <i>Diabetes Technology and Therapeutics</i> , <b>2013</b> , 15, 466-74	8.1	36
85	Oxidized LDL and AGE-LDL in circulating immune complexes strongly predict progression of carotid artery IMT in type 1 diabetes. <i>Atherosclerosis</i> , <b>2013</b> , 231, 315-22	3.1	26
84	Apolipoprotein-defined lipoproteins and apolipoproteins: associations with abnormal albuminuria in type 1 diabetes in the diabetes control and complications trial/epidemiology of diabetes interventions and complications cohort. <i>Journal of Diabetes and Its Complications</i> , <b>2013</b> , 27, 447-53	3.2	7
83	Apolipoprotein-defined and NMR lipoprotein subclasses in the veterans affairs diabetes trial. <i>Journal of Diabetes and Its Complications</i> , <b>2013</b> , 27, 627-32	3.2	5
82	Green tea supplementation increases glutathione and plasma antioxidant capacity in adults with the metabolic syndrome. <i>Nutrition Research</i> , <b>2013</b> , 33, 180-7	4	67
81	Protective Effects of Green Tea in Metabolic Syndrome <b>2013</b> , 1015-1028		
80	Therapeutic effects of PPAR $\alpha$ agonists on diabetic retinopathy in type 1 diabetes models. <i>Diabetes</i> , <b>2013</b> , 62, 261-72	0.9	126
79	Serum inflammatory markers and preeclampsia in type 1 diabetes: a prospective study. <i>Diabetes Care</i> , <b>2013</b> , 36, 2054-61	14.6	22
78	Pomegranate polyphenols lower lipid peroxidation in adults with type 2 diabetes but have no effects in healthy volunteers: a pilot study. <i>Journal of Nutrition and Metabolism</i> , <b>2013</b> , 2013, 708381	2.7	44
77	Modified Lipoproteins in Diabetic Retinopathy: A Local Action in the Retina. <i>Journal of Clinical &amp; Experimental Ophthalmology</i> , <b>2013</b> , 4,	0	15
76	Biomarkers in diabetes: hemoglobin A1c, vascular and tissue markers. <i>Translational Research</i> , <b>2012</b> , 159, 303-12	11	127
75	Oxidative and endoplasmic reticulum stresses mediate apoptosis induced by modified LDL in human retinal Müller cells <b>2012</b> , 53, 4595-604		48
74	Strawberries, blueberries, and cranberries in the metabolic syndrome: clinical perspectives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 5687-92	5.7	77
73	High concentrations of AGE-LDL and oxidized LDL in circulating immune complexes are associated with progression of retinopathy in type 1 diabetes. <i>Diabetes Care</i> , <b>2012</b> , 35, 1333-40	14.6	46
72	Plasma lipoproteins and preeclampsia in women with type 1 diabetes: a prospective study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 1752-62	5.6	16
71	Treatment approaches for diabetes and dyslipidemia. <i>Hormone Research in Paediatrics</i> , <b>2011</b> , 76 Suppl 1, 76-80	3.3	12
70	Tyrosine nitration of prostacyclin synthase is associated with enhanced retinal cell apoptosis in diabetes. <i>American Journal of Pathology</i> , <b>2011</b> , 179, 2835-44	5.8	26

69	Low-energy cranberry juice decreases lipid oxidation and increases plasma antioxidant capacity in women with metabolic syndrome. <i>Nutrition Research</i> , <b>2011</b> , 31, 190-6	4	139
68	Presentation of the Southern Society for Clinical Investigation FoundersSMedal for 2011 to Michael S. Bronze, MD. <i>American Journal of the Medical Sciences</i> , <b>2011</b> , 342, 95-6	2.2	
67	Green tea minimally affects biomarkers of inflammation in obese subjects with metabolic syndrome. <i>Nutrition</i> , <b>2011</b> , 27, 206-13	4.8	131
66	LDL-containing immune complexes in the DCCT/EDIC cohort: associations with lipoprotein subclasses. <i>Journal of Diabetes and Its Complications</i> , <b>2011</b> , 25, 73-82	3.2	7
65	Serum carotenoids and fat-soluble vitamins in women with type 1 diabetes and preeclampsia: a longitudinal study. <i>Diabetes Care</i> , <b>2011</b> , 34, 1258-64	14.6	50
64	Berries: emerging impact on cardiovascular health. <i>Nutrition Reviews</i> , <b>2010</b> , 68, 168-77	6.4	311
63	Low clusterin levels in high-density lipoprotein associate with insulin resistance, obesity, and dyslipoproteinemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 2528-34	9.4	62
62	Activation of AMP-activated protein kinase inhibits oxidized LDL-triggered endoplasmic reticulum stress in vivo. <i>Diabetes</i> , <b>2010</b> , 59, 1386-96	0.9	151
61	Blueberries decrease cardiovascular risk factors in obese men and women with metabolic syndrome. <i>Journal of Nutrition</i> , <b>2010</b> , 140, 1582-7	4.1	320
60	Green tea supplementation affects body weight, lipids, and lipid peroxidation in obese subjects with metabolic syndrome. <i>Journal of the American College of Nutrition</i> , <b>2010</b> , 29, 31-40	3.5	246
59	Strawberries decrease atherosclerotic markers in subjects with metabolic syndrome. <i>Nutrition Research</i> , <b>2010</b> , 30, 462-9	4	123
58	Know your diabetes risk project: Student pharmacists educating adults about diabetes risk in a community pharmacy setting. <i>Journal of the American Pharmacists Association: JAPhA</i> , <b>2010</b> , 50, 188-94	1.7	13
57	Increased serum kallistatin levels in type 1 diabetes patients with vascular complications. <i>Journal of Angiogenesis Research</i> , <b>2010</b> , 2, 19		31
56	Diabetes, insulin treatment, and cancer risk: what is the evidence?. <i>F1000 Medicine Reports</i> , <b>2010</b> , 2,		10
55	Effects of freeze-dried blueberries on cardiovascular risk factors in subjects with metabolic syndrome. <i>FASEB Journal</i> , <b>2010</b> , 24, 722.17	0.9	0
54	Insulin-like growth factor binding protein-3 mediates vascular repair by enhancing nitric oxide generation. <i>Circulation Research</i> , <b>2009</b> , 105, 897-905	15.7	72
53	Activation of protease calpain by oxidized and glycated LDL increases the degradation of endothelial nitric oxide synthase. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 2899-910	5.6	32
52	Increased coated-platelet levels in chronic haemodialysis patients. <i>Nephrology</i> , <b>2009</b> , 14, 148-54	2.2	19

51	Freeze-dried strawberry powder improves lipid profile and lipid peroxidation in women with metabolic syndrome: baseline and post intervention effects. <i>Nutrition Journal</i> , <b>2009</b> , 8, 43	4.3	115
50	Activation of the Wnt pathway plays a pathogenic role in diabetic retinopathy in humans and animal models. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 2676-85	5.8	112
49	Apoptosis induction by oxidized glycated LDL in human retinal capillary pericytes is independent of activation of MAPK signaling pathways. <i>Molecular Vision</i> , <b>2009</b> , 15, 135-45	2.3	25
48	Cross-sectional associations of C-reactive protein with vascular risk factors and vascular complications in the DCCT/EDIC cohort. <i>Journal of Diabetes and Its Complications</i> , <b>2008</b> , 22, 153-63	3.2	19
47	Coated-platelet levels in patients with Type 1 and with Type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , <b>2008</b> , 81, e8-10	7.4	33
46	Increased serum pigment epithelium derived factor levels in Type 2 diabetes patients. <i>Diabetes Research and Clinical Practice</i> , <b>2008</b> , 82, e5-7	7.4	61
45	Pigment epithelium-derived factor mitigates inflammation and oxidative stress in retinal pericytes exposed to oxidized low-density lipoprotein. <i>Journal of Molecular Endocrinology</i> , <b>2008</b> , 41, 135-43	4.5	60
44	Intraretinal leakage and oxidation of LDL in diabetic retinopathy. <i>Investigative Ophthalmology and Visual Science</i> , <b>2008</b> , 49, 2679-85		70
43	Risk factors related to inflammation and endothelial dysfunction in the DCCT/EDIC cohort and their relationship with nephropathy and macrovascular complications. <i>Diabetes Care</i> , <b>2008</b> , 31, 2006-12	14.6	71
42	Increased methionine sulfoxide content of apoA-I in type 1 diabetes. <i>Journal of Lipid Research</i> , <b>2008</b> , 49, 847-55	6.3	38
41	Consequences of unlocking the cardiac myosin molecule in human myocarditis and cardiomyopathies. <i>Autoimmunity</i> , <b>2008</b> , 41, 442-53	3	50
40	<b>ATHEROSCLEROSIS AND THROMBOSIS IN DIABETES MELLITUS: NEW ASPECTS OF PATHOGENESIS</b> <b>2008</b> , 89-113		0
39	Immune complexes containing modified lipoproteins are related to the progression of internal carotid intima-media thickness in patients with type 1 diabetes. <i>Atherosclerosis</i> , <b>2007</b> , 190, 359-69	3.1	61
38	Effects of D- and L-Glucose and Mannitol on Retinal Capillary Cells: Inhibition by Nanomolar Aminoguanidine. <i>American Journal of Pharmacology and Toxicology</i> , <b>2007</b> , 2, 148-158	0.6	6
37	S-(2-Succinyl)cysteine: a novel chemical modification of tissue proteins by a Krebs cycle intermediate. <i>Archives of Biochemistry and Biophysics</i> , <b>2006</b> , 450, 1-8	4.1	124
36	A lethal tetrad in diabetes: hyperglycemia, dyslipidemia, oxidative stress, and endothelial dysfunction. <i>American Journal of the Medical Sciences</i> , <b>2005</b> , 330, 227-32	2.2	58
35	Glycation, Oxidation, and Glycooxidation of Short- and Long-lived Proteins and the Pathogenesis of Diabetic Complications <b>2005</b> , 267-273		
34	Glycation does not alter LDL-induced secretion of tissue plasminogen activator and plasminogen activator inhibitor-1 from human aortic endothelial cells. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1043, 379-89	6.5	5



33	Effects of modified low-density lipoproteins on human retinal pericyte survival. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1043, 390-5	6.5	16
32	Heavily Oxidized-Glycated LDL Inhibits Tissue Inhibitor of Metalloproteinase-3 Expression in Human Retinal Capillary Pericytes. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1043, 929-929	6.5	
31	Apolipoprotein C-III protein concentrations and gene polymorphisms in Type 1 diabetes: associations with microvascular disease complications in the DCCT/EDIC cohort. <i>Journal of Diabetes and Its Complications</i> , <b>2005</b> , 19, 18-25	3.2	27
30	Effects of oxidized and glycated LDL on gene expression in human retinal capillary pericytes. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 2974-82		35
29	Effect of intensive glycemic control on levels of markers of inflammation in type 1 diabetes mellitus in the diabetes control and complications trial. <i>Circulation</i> , <b>2005</b> , 111, 2446-53	16.7	79
28	Diabetic retinopathy and serum lipoprotein subclasses in the DCCT/EDIC cohort. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 910-8		223
27	Lipoproteins, glycooxidation and diabetic angiopathy. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2004</b> , 20, 349-68	7.5	76
26	In vivo glycated low-density lipoprotein is not more susceptible to oxidation than nonglycated low-density lipoprotein in type 1 diabetes. <i>Metabolism: Clinical and Experimental</i> , <b>2004</b> , 53, 969-76	12.7	11
25	Apolipoprotein C-III protein concentrations and gene polymorphisms in type 1 diabetes: associations with lipoprotein subclasses. <i>Metabolism: Clinical and Experimental</i> , <b>2004</b> , 53, 1296-304	12.7	27
24	Nephropathy in a hypercholesterolemic mouse model with streptozotocin-induced diabetes. <i>Kidney and Blood Pressure Research</i> , <b>2003</b> , 26, 351-61	3.1	9
23	Lipoproteins in the DCCT/EDIC cohort: associations with diabetic nephropathy. <i>Kidney International</i> , <b>2003</b> , 64, 817-28	9.9	139
22	Lipoprotein subclass profiles of hyperlipidemic diabetic mice measured by nuclear magnetic resonance spectroscopy. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 916-21	12.7	15
21	Serum lipoproteins in the diabetes control and complications trial/epidemiology of diabetes intervention and complications cohort: associations with gender and glycemia. <i>Diabetes Care</i> , <b>2003</b> , 26, 810-8	14.6	90
20	Glycation, carbonyl stress, EAGLEs, and the vascular complications of diabetes. <i>Seminars in Vascular Medicine</i> , <b>2002</b> , 2, 175-89		19
19	Isotope dilution gas chromatography/mass spectrometry method for the determination of methionine sulfoxide in protein. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 4662-7	7.8	27
18	Activation of MAPK by modified low-density lipoproteins in vascular smooth muscle cells. <i>Journal of Applied Physiology</i> , <b>2001</b> , 91, 1412-20	3.7	39
17	Effect of collagen turnover on the accumulation of advanced glycation end products. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 39027-31	5.4	612
16	Glycation and Glycooxidation in Diabetic Vascular Disease. <i>Developments in Cardiovascular Medicine</i> , <b>2000</b> , 259-285		6



15	Quantification of N-(glucitol)ethanolamine and N-(carboxymethyl)serine: two products of nonenzymatic modification of aminophospholipids formed in vivo. <i>Analytical Biochemistry</i> , <b>1999</b> , 272, 48-55	3.1	27
14	Carboxymethylethanolamine, a biomarker of phospholipid modification during the maillard reaction in vivo. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 17473-9	5.4	76
13	Lipoprotein glycation and its metabolic consequences. <i>Current Opinion in Lipidology</i> , <b>1997</b> , 8, 174-80	4.4	69
12	Quantification of malondialdehyde and 4-hydroxynonenal adducts to lysine residues in native and oxidized human low-density lipoprotein. <i>Biochemical Journal</i> , <b>1997</b> , 322 ( Pt 1), 317-25	3.8	250
11	Glycation, oxidation, and lipoxidation in the development of diabetic complications. <i>Metabolism: Clinical and Experimental</i> , <b>1997</b> , 46, 14-21	12.7	76
10	Glycation, oxidation, and lipoxidation in the development of the complications of diabetes: a carbonyl stress hypothesis <b>1997</b> , 5, 365-391		29
9	The advanced glycation end product, Nepsilon-(carboxymethyl)lysine, is a product of both lipid peroxidation and glycooxidation reactions. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 9982-6	5.4	550
8	Glycation, oxidation, and glycooxidation reactions in the development of diabetic complications. <i>Contributions To Nephrology</i> , <b>1995</b> , 112, 1-10	1.6	11
7	Toxicity of mildly modified low-density lipoproteins to cultured retinal capillary endothelial cells and pericytes. <i>Diabetes</i> , <b>1994</b> , 43, 1090-5	0.9	96
6	Glycation and Oxidation of Proteins: A Role in the Pathogenesis of Atherosclerosis?. <i>Medical Science Symposia Series</i> , <b>1993</b> , 407-420		1
5	Glycation and oxidation: a role in the pathogenesis of atherosclerosis. <i>American Journal of Cardiology</i> , <b>1993</b> , 71, 26B-31B	3	158
4	Lipoprotein glycation and its metabolic consequences. <i>Diabetes</i> , <b>1992</b> , 41 Suppl 2, 67-73	0.9	144
3	Role of glycation in modification of lens crystallins in diabetic and nondiabetic senile cataracts. <i>Diabetes</i> , <b>1991</b> , 40, 1010-5	0.9	186
2	Age-dependent accumulation of N epsilon-(carboxymethyl)lysine and N epsilon-(carboxymethyl)hydroxylysine in human skin collagen. <i>Biochemistry</i> , <b>1991</b> , 30, 1205-10	3.2	278
1	Interaction of very-low-density lipoprotein isolated from type I (insulin-dependent) diabetic subjects with human monocyte-derived macrophages. <i>Metabolism: Clinical and Experimental</i> , <b>1989</b> , 38, 1108-14	12.7	42