

# Joseph L Witztum

## List of Publications by Year in descending order

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328  
papers

53,814  
citations

807

118  
h-index

1341

223  
g-index

342  
all docs

342  
docs citations

342  
times ranked

36521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Cholesterol. <i>New England Journal of Medicine</i> , 1989, 320, 915-924.	13.9	5,695
2	Atherosclerosis. <i>Cell</i> , 2001, 104, 503-516.	13.5	2,772
3	A comprehensive classification system for lipids. <i>Journal of Lipid Research</i> , 2005, 46, 839-861.	2.0	1,348
4	Interleukin-4-dependent production of PPAR- $\beta$ ligands in macrophages by 12/15-lipoxygenase. <i>Nature</i> , 1999, 400, 378-382.	13.7	822
5	Structural Identification by Mass Spectrometry of Oxidized Phospholipids in Minimally Oxidized Low Density Lipoprotein That Induce Monocyte/Endothelial Interactions and Evidence for Their Presence in Vivo. <i>Journal of Biological Chemistry</i> , 1997, 272, 13597-13607.	1.6	691
6	Pneumococcal vaccination decreases atherosclerotic lesion formation: molecular mimicry between <i>Streptococcus pneumoniae</i> and oxidized LDL. <i>Nature Medicine</i> , 2003, 9, 736-743.	15.2	683
7	Oxidized Phospholipids, Lp(a) Lipoprotein, and Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2005, 353, 46-57.	13.9	636
8	Innate and acquired immunity in atherogenesis. <i>Nature Medicine</i> , 2002, 8, 1218-1226.	15.2	604
9	Natural antibodies with the T15 idiotype may act in atherosclerosis, apoptotic clearance, and protective immunity. <i>Journal of Clinical Investigation</i> , 2000, 105, 1731-1740.	3.9	602
10	Oxidative damage in multiple sclerosis lesions. <i>Brain</i> , 2011, 134, 1914-1924.	3.7	585
11	Antisense oligonucleotides targeting apolipoprotein(a) in people with raised lipoprotein(a): two randomised, double-blind, placebo-controlled, dose-ranging trials. <i>Lancet, The</i> , 2016, 388, 2239-2253.	6.3	584
12	Influence of maternal hypercholesterolaemia during pregnancy on progression of early atherosclerotic lesions in childhood: Fate of Early Lesions in Children (FELIC) study. <i>Lancet, The</i> , 1999, 354, 1234-1241.	6.3	564
13	Lipoprotein(a) Reduction in Persons with Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2020, 382, 244-255.	13.9	559
14	RNA-Targeted Therapeutics. <i>Cell Metabolism</i> , 2018, 27, 714-739.	7.2	556
15	Oxidation-Specific Epitopes Are Danger-Associated Molecular Patterns Recognized by Pattern Recognition Receptors of Innate Immunity. <i>Circulation Research</i> , 2011, 108, 235-248.	2.0	527
16	Differential inhibition of macrophage foam-cell formation and atherosclerosis in mice by PPAR- $\alpha$ , $\beta$ , and $\delta$ . <i>Journal of Clinical Investigation</i> , 2004, 114, 1564-1576.	3.9	494
17	Monoclonal autoantibodies specific for oxidized phospholipids or oxidized phospholipid-protein adducts inhibit macrophage uptake of oxidized low-density lipoproteins. <i>Journal of Clinical Investigation</i> , 1999, 103, 117-128.	3.9	494
18	Cardiovascular and Metabolic Effects of ANGPTL3 Antisense Oligonucleotides. <i>New England Journal of Medicine</i> , 2017, 377, 222-232.	13.9	482

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19	Disruption of the 12/15-lipoxygenase gene diminishes atherosclerosis in apo E-deficient mice. <i>Journal of Clinical Investigation</i> , 1999, 103, 1597-1604.	3.9	475
20	Complement factor H binds malondialdehyde epitopes and protects from oxidative stress. <i>Nature</i> , 2011, 478, 76-81.	13.7	469
21	Lipoprotein Management in Patients With Cardiometabolic Risk. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1512-1524.	1.2	466
22	C-reactive protein binds to both oxidized LDL and apoptotic cells through recognition of a common ligand: Phosphorylcholine of oxidized phospholipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13043-13048.	3.3	459
23	Risk Factors for Cardiovascular Disease in Systemic Lupus Erythematosus. <i>Circulation</i> , 2001, 104, 1887-1893.	1.6	450
24	Antisense Inhibition of Apolipoprotein C-III in Patients with Hypertriglyceridemia. <i>New England Journal of Medicine</i> , 2015, 373, 438-447.	13.9	445
25	Is the Oxidative Modification Hypothesis Relevant to Human Atherosclerosis?. <i>Circulation</i> , 2002, 105, 2107-2111.	1.6	441
26	Atherogenic Lipids and Lipoproteins Trigger CD36-TLR2-Dependent Apoptosis in Macrophages Undergoing Endoplasmic Reticulum Stress. <i>Cell Metabolism</i> , 2010, 12, 467-482.	7.2	397
27	Oxidation-specific epitopes are dominant targets of innate natural antibodies in mice and humans. <i>Journal of Clinical Investigation</i> , 2009, 119, 1335-1349.	3.9	397
28	Oxidized Phospholipids on Lipoprotein(a) Elicit Arterial Wall Inflammation and an Inflammatory Monocyte Response in Humans. <i>Circulation</i> , 2016, 134, 611-624.	1.6	396
29	Antisense therapy targeting apolipoprotein(a): a randomised, double-blind, placebo-controlled phase 1 study. <i>Lancet</i> , 2015, 386, 1472-1483.	6.3	386
30	Targeting APOC3 in the Familial Chylomicronemia Syndrome. <i>New England Journal of Medicine</i> , 2014, 371, 2200-2206.	13.9	376
31	The Oxidative Modification Hypothesis of Atherosclerosis Does It Hold for Humans?. <i>Trends in Cardiovascular Medicine</i> , 2001, 11, 93-102.	2.3	373
32	Combined Serum Paraoxonase Knockout/Apolipoprotein E Knockout Mice Exhibit Increased Lipoprotein Oxidation and Atherosclerosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 17527-17535.	1.6	371
33	Oxidized Low-Density Lipoprotein and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2311-2316.	1.1	371
34	Macrophages Generate Reactive Oxygen Species in Response to Minimally Oxidized Low-Density Lipoprotein. <i>Circulation Research</i> , 2009, 104, 210-218.	2.0	364
35	Antioxidant Vitamin Supplements and Cardiovascular Disease. <i>Circulation</i> , 2004, 110, 637-641.	1.6	359
36	Oxidized phospholipids are proinflammatory and proatherogenic in hypercholesterolaemic mice. <i>Nature</i> , 2018, 558, 301-306.	13.7	359

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37	Volanesorsen and Triglyceride Levels in Familial Chylomicronemia Syndrome. <i>New England Journal of Medicine</i> , 2019, 381, 531-542.	13.9	359
38	Minimally Modified LDL Binds to CD14, Induces Macrophage Spreading via TLR4/MD-2, and Inhibits Phagocytosis of Apoptotic Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 1561-1568.	1.6	338
39	NHLBI Working Group Recommendations to Reduce Lipoprotein(a)-Mediated Risk of Cardiovascular Disease and Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2018, 71, 177-192.	1.2	337
40	IL-5 links adaptive and natural immunity specific for epitopes of oxidized LDL and protects from atherosclerosis. <i>Journal of Clinical Investigation</i> , 2004, 114, 427-437.	3.9	335
41	Critical Role of IL-17RA in Immunopathology of Influenza Infection. <i>Journal of Immunology</i> , 2009, 183, 5301-5310.	0.4	315
42	Temporal increases in plasma markers of oxidized low-density lipoprotein strongly reflect the presence of acute coronary syndromes. <i>Journal of the American College of Cardiology</i> , 2003, 41, 360-370.	1.2	310
43	Apoptotic Cells with Oxidation-specific Epitopes Are Immunogenic and Proinflammatory. <i>Journal of Experimental Medicine</i> , 2004, 200, 1359-1370.	4.2	310
44	T-bet deficiency reduces atherosclerosis and alters plaque antigen-specific immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1596-1601.	3.3	299
45	Immunization of LDL Receptor-deficient Mice With Homologous Malondialdehyde-Modified and Native LDL Reduces Progression of Atherosclerosis by Mechanisms Other Than Induction of High Titers of Antibodies to Oxidative Neopeptides. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1972-1982.	1.1	296
46	Oxidized Phospholipids, Lipoprotein(a), and Progression of Calcific Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1236-1246.	1.2	295
47	A novel function of lipoprotein [a] as a preferential carrier of oxidized phospholipids in human plasma. <i>Journal of Lipid Research</i> , 2008, 49, 2230-2239.	2.0	290
48	Deficiency of cathepsin S reduces atherosclerosis in LDL receptor-deficient mice. <i>Journal of Clinical Investigation</i> , 2003, 111, 897-906.	3.9	289
49	Innate sensing of oxidation-specific epitopes in health and disease. <i>Nature Reviews Immunology</i> , 2016, 16, 485-497.	10.6	271
50	Statin therapy increases lipoprotein(a) levels. <i>European Heart Journal</i> , 2020, 41, 2275-2284.	1.0	265
51	Oxidized Membrane Vesicles and Blebs From Apoptotic Cells Contain Biologically Active Oxidized Phospholipids That Induce Monocyte-Endothelial Interactions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 101-107.	1.1	264
52	Biomarkers of NAFLD progression: a lipidomics approach to an epidemic. <i>Journal of Lipid Research</i> , 2015, 56, 722-736.	2.0	264
53	Scavenger Receptors, Oxidized LDL, and Atherosclerosis. <i>Annals of the New York Academy of Sciences</i> , 2001, 947, 214-223.	1.8	260
54	Uptake of oxidized lipids by the scavenger receptor CD36 promotes lipid peroxidation and dysfunction in CD8+ T cells in tumors. <i>Immunity</i> , 2021, 54, 1561-1577.e7.	6.6	260

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55	Niche-Specific Reprogramming of Epigenetic Landscapes Drives Myeloid Cell Diversity in Nonalcoholic Steatohepatitis. <i>Immunity</i> , 2020, 52, 1057-1074.e7.	6.6	248
56	Toll-Like Receptor 4-Dependent and -Independent Cytokine Secretion Induced by Minimally Oxidized Low-Density Lipoprotein in Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1213-1219.	1.1	243
57	B Cells and Humoral Immunity in Atherosclerosis. <i>Circulation Research</i> , 2014, 114, 1743-1756.	2.0	241
58	Discrimination and Net Reclassification of Cardiovascular Risk With Lipoprotein(a). <i>Journal of the American College of Cardiology</i> , 2014, 64, 851-860.	1.2	231
59	Percutaneous Coronary Intervention Results in Acute Increases in Oxidized Phospholipids and Lipoprotein(a). <i>Circulation</i> , 2004, 109, 3164-3170.	1.6	229
60	The Influence of Innate and Adaptive Immune Responses on Atherosclerosis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2014, 9, 73-102.	9.6	227
61	Absence of 12/15-Lipoxygenase Expression Decreases Lipid Peroxidation and Atherogenesis in Apolipoprotein E-Deficient Mice. <i>Circulation</i> , 2001, 103, 2277-2282.	1.6	225
62	Vascular Lipid Accumulation, Lipoprotein Oxidation, and Macrophage Lipid Uptake in Hypercholesterolemic Zebrafish. <i>Circulation Research</i> , 2009, 104, 952-960.	2.0	225
63	Thematic review series: The Immune System and Atherogenesis. The role of natural antibodies in atherogenesis. <i>Journal of Lipid Research</i> , 2005, 46, 1353-1363.	2.0	224
64	Increased Autoantibody Titers Against Epitopes of Oxidized LDL in LDL Receptor-Deficient Mice With Increased Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 1569-1576.	1.1	222
65	Oxidized Phospholipids, Lipoprotein(a), Lipoprotein-Associated Phospholipase A2 Activity, and 10-Year Cardiovascular Outcomes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1788-1795.	1.1	220
66	Relationship of IgG and IgM autoantibodies to oxidized low density lipoprotein with coronary artery disease and cardiovascular events. <i>Journal of Lipid Research</i> , 2007, 48, 425-433.	2.0	215
67	Antioxidant Vitamins C and E Improve Endothelial Function in Children With Hyperlipidemia. <i>Circulation</i> , 2003, 108, 1059-1063.	1.6	214
68	High-Dose Atorvastatin Reduces Total Plasma Levels of Oxidized Phospholipids and Immune Complexes Present on Apolipoprotein B-100 in Patients With Acute Coronary Syndromes in the MIRACL Trial. <i>Circulation</i> , 2004, 110, 1406-1412.	1.6	209
69	Lipoprotein Accumulation in Macrophages via Toll-Like Receptor-4-Dependent Fluid Phase Uptake. <i>Circulation Research</i> , 2009, 104, 1355-1363.	2.0	209
70	IL-5 links adaptive and natural immunity specific for epitopes of oxidized LDL and protects from atherosclerosis. <i>Journal of Clinical Investigation</i> , 2004, 114, 427-437.	3.9	208
71	Impaired Regulatory T-Cell Response and Enhanced Atherosclerosis in the Absence of Inducible Costimulatory Molecule. <i>Circulation</i> , 2006, 114, 2047-2055.	1.6	201
72	Lipid Lowering Reduces Oxidative Stress and Endothelial Cell Activation in Rabbit Atheroma. <i>Circulation</i> , 2002, 106, 1390-1396.	1.6	199

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73	Human-Derived Anti-Oxidized LDL Autoantibody Blocks Uptake of Oxidized LDL by Macrophages and Localizes to Atherosclerotic Lesions In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1333-1339.	1.1	197
74	Macrophage Apoptosis Exerts Divergent Effects on Atherogenesis as a Function of Lesion Stage. <i>Circulation</i> , 2009, 119, 1795-1804.	1.6	194
75	Critical Role of Macrophage 12/15-Lipoxygenase for Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. <i>Circulation</i> , 2004, 110, 2024-2031.	1.6	189
76	Vupanorsen, an N-acetyl galactosamine-conjugated antisense drug to <i>ANGPTL3</i> mRNA, lowers triglycerides and atherogenic lipoproteins in patients with diabetes, hepatic steatosis, and hypertriglyceridaemia. <i>European Heart Journal</i> , 2020, 41, 3936-3945.	1.0	188
77	Oxidation-Specific Biomarkers, Prospective 15-Year Cardiovascular and Stroke Outcomes, and Net Reclassification of Cardiovascular Events. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2218-2229.	1.2	187
78	Lipoprotein(a) and Oxidized Phospholipids Promote Valve Calcification in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2150-2162.	1.2	187
79	ApoC-III inhibits clearance of triglyceride-rich lipoproteins through LDL family receptors. <i>Journal of Clinical Investigation</i> , 2016, 126, 2855-2866.	3.9	186
80	Receptor-mediated Catabolism of Low Density Lipoprotein in Man. QUANTITATION USING GLUCOSYLATED LOW DENSITY LIPOPROTEIN. <i>Journal of Clinical Investigation</i> , 1983, 71, 950-959.	3.9	185
81	Apolipoprotein C-II and C-III levels in hyperlipoproteinemia. <i>Metabolism: Clinical and Experimental</i> , 1979, 28, 1001-1010.	1.5	184
82	An AMPKâ€“caspase-6 axis controls liver damage in nonalcoholic steatohepatitis. <i>Science</i> , 2020, 367, 652-660.	6.0	183
83	Correlation of Antiphospholipid Antibody Recognition with the Structure of Synthetic Oxidized Phospholipids. <i>Journal of Biological Chemistry</i> , 2002, 277, 7010-7020.	1.6	177
84	Liver heparan sulfate proteoglycans mediate clearance of triglyceride-rich lipoproteins independently of LDL receptor family members. <i>Journal of Clinical Investigation</i> , 2007, 117, 153-164.	3.9	177
85	Syndecan-1 is the primary heparan sulfate proteoglycan mediating hepatic clearance of triglyceride-rich lipoproteins in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 3236-45.	3.9	176
86	Oxidized Phospholipids Predict the Presence and Progression of Carotid and Femoral Atherosclerosis and Symptomatic Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2006, 47, 2219-2228.	1.2	174
87	Determinants of binding of oxidized phospholipids on apolipoprotein (a) and lipoprotein (a). <i>Journal of Lipid Research</i> , 2013, 54, 2815-2830.	2.0	174
88	Leucocyte Telomere Length and Risk of Type 2 Diabetes Mellitus: New Prospective Cohort Study and Literature-Based Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e112483.	1.1	174
89	Epoxyisoprostane and Epoxycyclopentenone Phospholipids Regulate Monocyte Chemotactic Protein-1 and Interleukin-8 Synthesis. <i>Journal of Biological Chemistry</i> , 2002, 277, 7271-7281.	1.6	172
90	The Binding of Oxidized Low Density Lipoprotein to Mouse CD36 Is Mediated in Part by Oxidized Phospholipids That Are Associated with Both the Lipid and Protein Moieties of the Lipoprotein. <i>Journal of Biological Chemistry</i> , 2000, 275, 9163-9169.	1.6	170

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91	Targeted Molecular Probes for Imaging Atherosclerotic Lesions With Magnetic Resonance Using Antibodies That Recognize Oxidation-Specific Epitopes. <i>Circulation</i> , 2008, 117, 3206-3215.	1.6	170
92	Alterations in levels and interrelations of plasma apolipoproteins induced by diet. <i>Metabolism: Clinical and Experimental</i> , 1976, 25, 261-275.	1.5	165
93	Mipomersen, an Antisense Oligonucleotide to Apolipoprotein B-100, Reduces Lipoprotein(a) in Various Populations With Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 689-699.	1.1	165
94	Apolipoprotein(a) isoform size, lipoprotein(a) concentration, and coronary artery disease: a mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 524-533.	5.5	165
95	Oxidized low density lipoprotein and innate immune receptors. <i>Current Opinion in Lipidology</i> , 2003, 14, 437-445.	1.2	164
96	Adaptive immunity in atherogenesis: new insights and therapeutic approaches. <i>Journal of Clinical Investigation</i> , 2013, 123, 27-36.	3.9	163
97	Low Doses of Lipopolysaccharide and Minimally Oxidized Low-Density Lipoprotein Cooperatively Activate Macrophages via Nuclear Factor $\kappa$ B and Activator Protein-1. <i>Circulation Research</i> , 2010, 107, 56-65.	2.0	162
98	ABCA1 and ABCG1 Protect Against Oxidative Stress-Induced Macrophage Apoptosis During Efferocytosis. <i>Circulation Research</i> , 2010, 106, 1861-1869.	2.0	160
99	N-acetyl galactosamine-conjugated antisense drug to <i>APOC3</i> mRNA, triglycerides and atherogenic lipoprotein levels. <i>European Heart Journal</i> , 2019, 40, 2785-2796.	1.0	159
100	Oxidized phospholipids on apoB-100-containing lipoproteins: a biomarker predicting cardiovascular disease and cardiovascular events. <i>Biomarkers in Medicine</i> , 2011, 5, 673-694.	0.6	156
101	Influence of C3 Deficiency on Atherosclerosis. <i>Circulation</i> , 2002, 105, 3025-3031.	1.6	151
102	Circulating Autoantibodies to Oxidized LDL Correlate With Arterial Accumulation and Depletion of Oxidized LDL in LDL Receptor-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 95-100.	1.1	147
103	Oxidized phospholipids and isoprostanes in atherosclerosis. <i>Current Opinion in Lipidology</i> , 1998, 9, 441-448.	1.2	146
104	Host-derived oxidized phospholipids and HDL regulate innate immunity in human leprosy. <i>Journal of Clinical Investigation</i> , 2008, 118, 2917-2928.	3.9	146
105	Antisense Oligonucleotide Directed to Human Apolipoprotein B-100 Reduces Lipoprotein(a) Levels and Oxidized Phospholipids on Human Apolipoprotein B-100 Particles in Lipoprotein(a) Transgenic Mice. <i>Circulation</i> , 2008, 118, 743-753.	1.6	143
106	Intracranial Arteries of Human Fetuses Are More Resistant to Hypercholesterolemia-Induced Fatty Streak Formation Than Extracranial Arteries. <i>Circulation</i> , 1999, 99, 2003-2010.	1.6	139
107	Maternal Hypercholesterolemia and Treatment During Pregnancy Influence the Long-Term Progression of Atherosclerosis in Offspring of Rabbits. <i>Circulation Research</i> , 2001, 89, 991-996.	2.0	139
108	Oxidation-Specific Biomarkers, Lipoprotein(a), and Risk of Fatal and Nonfatal Coronary Events. <i>Journal of the American College of Cardiology</i> , 2010, 56, 946-955.	1.2	139

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109	Oxidized Low Density Lipoproteins in Atherogenesis: Role of Dietary Modification. Annual Review of Nutrition, 1996, 16, 51-71.	4.3	137
110	Immunological responses to oxidized LDL. Free Radical Biology and Medicine, 2000, 28, 1771-1779.	1.3	136
111	Scavenger receptor class B type I as a receptor for oxidized low density lipoprotein. Journal of Lipid Research, 2001, 42, 1474-1482.	2.0	134
112	Differential expression of oxidation-specific epitopes and apolipoprotein(a) in progressing and ruptured human coronary and carotid atherosclerotic lesions. Journal of Lipid Research, 2012, 53, 2773-2790.	2.0	131
113	Lipid peroxidation in skeletal muscle of obese as compared to endurance-trained humans: a case of good vs. bad lipids?. FEBS Letters, 2003, 551, 104-106.	1.3	129
114	Maternal Hypercholesterolemia Enhances Atherogenesis in Normocholesterolemic Rabbits, Which Is Inhibited by Antioxidant or Lipid-Lowering Intervention During Pregnancy. Circulation Research, 2000, 87, 946-952.	2.0	128
115	High plasma leptin levels confer increased risk of atherosclerosis in women with systemic lupus erythematosus, and are associated with inflammatory oxidised lipids. Annals of the Rheumatic Diseases, 2011, 70, 1619-1624.	0.5	128
116	Modifying Apolipoprotein A-I by Malondialdehyde, but Not by an Array of Other Reactive Carbonyls, Blocks Cholesterol Efflux by the ABCA1 Pathway. Journal of Biological Chemistry, 2010, 285, 18473-18484.	1.6	124
117	Immunological Evidence for the Presence of Advanced Glycosylation End Products in Atherosclerotic Lesions of Euglycemic Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 571-582.	1.1	124
118	Radiolabeled MDA2, an oxidation-specific, monoclonal antibody, identifies native atherosclerotic lesions in vivo. Journal of Nuclear Cardiology, 1999, 6, 41-53.	1.4	122
119	Phosphoinositide 3-Kinase p110 $\beta$ Regulates Natural Antibody Production, Marginal Zone and B-1 B Cell Function, and Autoantibody Responses. Journal of Immunology, 2009, 183, 5673-5684.	0.4	122
120	LDL-C $\rightarrow$ oxLDL-C $\rightarrow$ Lp(a)-C. Current Opinion in Lipidology, 2015, 26, 169-178.	1.2	122
121	Measuring Circulating Oxidized Low-Density Lipoprotein to Evaluate Coronary Risk. Circulation, 2001, 103, 1930-1932.	1.6	121
122	In Vivo Uptake of Radiolabeled MDA2, an Oxidation-Specific Monoclonal Antibody, Provides an Accurate Measure of Atherosclerotic Lesions Rich in Oxidized LDL and Is Highly Sensitive to Their Regression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 689-697.	1.1	119
123	Relationship of Oxidized Phospholipids on Apolipoprotein B-100 Particles to Race/Ethnicity, Apolipoprotein(a) Isoform Size, and Cardiovascular Risk Factors. Circulation, 2009, 119, 1711-1719.	1.6	117
124	Lysine-Phosphatidylcholine Adducts in Kringle V Impart Unique Immunological and Potential Pro-inflammatory Properties to Human Apolipoprotein(a). Journal of Biological Chemistry, 2003, 278, 52841-52847.	1.6	116
125	Autoantibodies to OxLDL Are Decreased in Individuals With Borderline Hypertension. Hypertension, 1999, 33, 53-59.	1.3	113
126	Antisense Oligonucleotide Lowers Plasma Levels of Apolipoprotein (a) and Lipoprotein (a) in Transgenic Mice. Journal of the American College of Cardiology, 2011, 57, 1611-1621.	1.2	113



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127	Relationship of IgG and IgM autoantibodies and immune complexes to oxidized LDL with markers of oxidation and inflammation and cardiovascular events: results from the EPIC-Norfolk Study. <i>Journal of Lipid Research</i> , 2011, 52, 1829-1836.	2.0	113
128	Neutralization of Oxidized Phospholipids Ameliorates Non-alcoholic Steatohepatitis. <i>Cell Metabolism</i> , 2020, 31, 189-206.e8.	7.2	113
129	Angiotensin II Increases Macrophage-mediated Modification of Low Density Lipoprotein via a Lipoxygenase-dependent Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 21609-21615.	1.6	112
130	The Bcl6-SMRT/NCoR Cistrome Represses Inflammation to Attenuate Atherosclerosis. <i>Cell Metabolism</i> , 2012, 15, 554-562.	7.2	111
131	B-1b Cells Secrete Atheroprotective IgM and Attenuate Atherosclerosis. <i>Circulation Research</i> , 2015, 117, e28-39.	2.0	111
132	Pro-Inflammatory Interleukin-1 Genotypes Potentiate the Risk of Coronary Artery Disease and Cardiovascular Events Mediated by Oxidized Phospholipids and Lipoprotein(a). <i>Journal of the American College of Cardiology</i> , 2014, 63, 1724-1734.	1.2	110
133	Adenoviral intramyocardial VEGF-D <sup>17</sup> N <sup>17</sup> C gene transfer increases myocardial perfusion reserve in refractory angina patients: a phase I/IIa study with 1-year follow-up. <i>European Heart Journal</i> , 2017, 38, 2547-2555.	1.0	109
134	Efficacy and safety of volanesorsen in patients with multifactorial chylomicronaemia (COMPASS): a multicentre, double-blind, randomised, placebo-controlled, phase 3 trial. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 264-275.	5.5	109
135	High-Density Lipoproteins Retard the Progression of Atherosclerosis and Favorably Remodel Lesions Without Suppressing Indices of Inflammation or Oxidation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1904-1909.	1.1	107
136	Evidence for a novel human-specific xeno-auto-antibody response against vascular endothelium. <i>Blood</i> , 2009, 114, 5225-5235.	0.6	107
137	Innate Response Activator B Cells Aggravate Atherosclerosis by Stimulating T Helper-1 Adaptive Immunity. <i>Circulation</i> , 2014, 129, 1677-1687.	1.6	107
138	Phospholipid Transfer Protein Deficiency Protects Circulating Lipoproteins from Oxidation Due to the Enhanced Accumulation of Vitamin E. <i>Journal of Biological Chemistry</i> , 2002, 277, 31850-31856.	1.6	106
139	The role of oxidized phospholipids in mediating lipoprotein(a) atherogenicity. <i>Current Opinion in Lipidology</i> , 2008, 19, 369-377.	1.2	106
140	The Influence of Pravastatin and Atorvastatin on Markers of Oxidative Stress in Hypercholesterolemic Humans. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1653-1662.	1.2	104
141	Long-term mipomersen treatment is associated with a reduction in cardiovascular events in patients with familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , 2016, 10, 1011-1021.	0.6	104
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