Alan Chait

List of Publications by Year in Descending Order

76 papers	6,944 citations	40 h-index	77 g-index
77 ext. papers	7,770 ext. citations	7.5 avg, IF	5.87 L-index

#	Paper	IF	Citations
76	Comparison between genetic and pharmaceutical disruption of LDLR expression for the development of atherosclerosis.. *Journal of Lipid Research*, **2022**, 100174	6.3	
75	Approach to patients with hypertriglyceridemia.. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2022**, 101659	6.5	1
74	Approach to patients with elevated low-density lipoprotein cholesterol levels.. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2022**, 101658	6.5	
73	Blocking endothelial lipase with monoclonal antibody MEDI5884 durably increases high density lipoprotein in nonhuman primates and in a phase 1 trial. *Science Translational Medicine*, **2021**, 13,	17.5	7
72	Sexually Dimorphic Relationships Among Saa3 (Serum Amyloid A3), Inflammation, and Cholesterol Metabolism Modulate Atherosclerosis in Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, e299-e313	9.4	2
71	Adipose Tissue Distribution, Inflammation and Its Metabolic Consequences, Including Diabetes and Cardiovascular Disease. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 22	5.4	228
70	Remnants of the Triglyceride-Rich Lipoproteins, Diabetes, and Cardiovascular Disease. *Diabetes*, **2020**, 69, 508-516	0.9	38
69	Presence of serum amyloid A3 in mouse plasma is dependent on the nature and extent of the inflammatory stimulus. *Scientific Reports*, **2020**, 10, 10397	4.9	6
68	Adipocyte-Derived Versican and Macrophage-Derived Biglycan Control Adipose Tissue Inflammation in Obesity. *Cell Reports*, **2020**, 31, 107818	10.6	12
67	Serum amyloid A-containing HDL binds adipocyte-derived versican and macrophage-derived biglycan, reducing its antiinflammatory properties. *JCI Insight*, **2020**, 5,	9.9	1
66	Hematopoietic Cell-Expressed Endothelial Nitric Oxide Protects the Liver From Insulin Resistance. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 670-681	9.4	1
65	Glycation of HDL blunts its anti-inflammatory and cholesterol efflux capacities in vitro, but has no effect in poorly controlled type 1 diabetes subjects. *Journal of Diabetes and Its Complications*, **2020**, 34, 107693	3.2	3
64	A Comprehensive Update on the Chylomicronemia Syndrome. *Frontiers in Endocrinology*, **2020**, 11, 593931	5.7	19
63	Lipid Management in Patients with Endocrine Disorders: An Endocrine Society Clinical Practice Guideline. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	26
62	A Novel Strategy to Prevent Advanced Atherosclerosis and Lower Blood Glucose in a Mouse Model of Metabolic Syndrome. *Diabetes*, **2018**, 67, 946-959	0.9	16
61	Obese Mice Losing Weight Due to trans-10,cis-12 Conjugated Linoleic Acid Supplementation or Food Restriction Harbor Distinct Gut Microbiota. *Journal of Nutrition*, **2018**, 148, 562-572	4.1	30
60	Deficiency of Invariant Natural Killer T Cells Does Not Protect Against Obesity but Exacerbates Atherosclerosis in Ldlr Mice. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	4

59	Cholesterol crystallization within hepatocyte lipid droplets and its role in murine NASH. *Journal of Lipid Research*, **2017**, 58, 1067-1079	6.3	59
58	Treatment of Dyslipidemia in Diabetes: Recent Advances and Remaining Questions. *Current Diabetes Reports*, **2017**, 17, 112	5.6	18
57	Metabolically distinct weight loss by 10,12 CLA and caloric restriction highlight the importance of subcutaneous white adipose tissue for glucose homeostasis in mice. *PLoS ONE*, **2017**, 12, e0172912	3.7	21
56	Cutting Edge: BAFF Overexpression Reduces Atherosclerosis via TACI-Dependent B Cell Activation. *Journal of Immunology*, **2016**, 197, 4529-4534	5.3	29
55	Lipids, Lipoproteins, and Cardiovascular Disease: Clinical Pharmacology Now and in the Future. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 804-14	5.6	28
54	Serum amyloid A impairs the antiinflammatory properties of HDL. *Journal of Clinical Investigation*, **2016**, 126, 266-81	15.9	88
53	The apolipoprotein-AI mimetic peptide L4F at a modest dose does not attenuate weight gain, inflammation, or atherosclerosis in LDLR-null mice. *PLoS ONE*, **2014**, 9, e109252	3.7	9
52	Deletion of serum amyloid A3 improves high fat high sucrose diet-induced adipose tissue inflammation and hyperlipidemia in female mice. *PLoS ONE*, **2014**, 9, e108564	3.7	45
51	Apolipoprotein AI and high-density lipoprotein have anti-inflammatory effects on adipocytes via cholesterol transporters: ATP-binding cassette A-1, ATP-binding cassette G-1, and scavenger receptor B-1. *Circulation Research*, **2013**, 112, 1345-54	15.7	80
50	10E,12Z-conjugated linoleic acid impairs adipocyte triglyceride storage by enhancing fatty acid oxidation, lipolysis, and mitochondrial reactive oxygen species. *Journal of Lipid Research*, **2013**, 54, 2964-78	6.3	32
49	Increased levels of invariant natural killer T lymphocytes worsen metabolic abnormalities and atherosclerosis in obese mice. *Journal of Lipid Research*, **2013**, 54, 2831-41	6.3	26
48	T cell activation inhibitors reduce CD8+ T cell and pro-inflammatory macrophage accumulation in adipose tissue of obese mice. *PLoS ONE*, **2013**, 8, e67709	3.7	27
47	NADPH oxidase-derived reactive oxygen species increases expression of monocyte chemotactic factor genes in cultured adipocytes. *Journal of Biological Chemistry*, **2012**, 287, 10379-10393	5.4	130
46	Dietary cholesterol exacerbates hepatic steatosis and inflammation in obese LDL receptor-deficient mice. *Journal of Lipid Research*, **2011**, 52, 1626-35	6.3	160
45	Differential effect of saturated and unsaturated free fatty acids on the generation of monocyte adhesion and chemotactic factors by adipocytes: dissociation of adipocyte hypertrophy from inflammation. *Diabetes*, **2010**, 59, 386-96	0.9	190
44	Strategies to achieve target LDL levels. *Current Diabetes Reports*, **2010**, 10, 4-6	5.6	
43	HDL lipids and insulin resistance. *Current Diabetes Reports*, **2010**, 10, 78-86	5.6	22
42	Diabetes and atherosclerosis: is there a role for hyperglycemia?. *Journal of Lipid Research*, **2009**, 50 Suppl, S335-9	6.3	132

41	The effect of dietary cholesterol on macrophage accumulation in adipose tissue: implications for systemic inflammation and atherosclerosis. *Current Opinion in Lipidology*, **2009**, 20, 39-44	4.4	37
40	Leptin deficiency suppresses progression of atherosclerosis in apoE-deficient mice. *Atherosclerosis*, **2008**, 196, 68-75	3.1	63
39	Cardiovascular disease risk in type 2 diabetes mellitus: insights from mechanistic studies. *Lancet, The*, **2008**, 371, 1800-9	40	395
38	Dietary cholesterol worsens adipose tissue macrophage accumulation and atherosclerosis in obese LDL receptor-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 685-91	9.4	133
37	Type 1 diabetes promotes disruption of advanced atherosclerotic lesions in LDL receptor-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 2082-7	11.5	69
36	Adipocyte-derived serum amyloid A3 and hyaluronan play a role in monocyte recruitment and adhesion. *Diabetes*, **2007**, 56, 2260-73	0.9	134
35	Shotgun proteomics implicates protease inhibition and complement activation in the antiinflammatory properties of HDL. *Journal of Clinical Investigation*, **2007**, 117, 746-56	15.9	713
34	Reciprocal and coordinate regulation of serum amyloid A versus apolipoprotein A-I and paraoxonase-1 by inflammation in murine hepatocytes. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 1806-13	9.4	109
33	Antioxidants inhibit the ability of lysophosphatidylcholine to regulate proteoglycan synthesis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 494-500	9.4	10
32	Diabetes and cardiovascular disease. Introduction. *Atherosclerosis Supplements*, **2006**, 7, 1-4	1.7	36
31	Thematic review series: The immune system and atherogenesis. Lipoprotein-associated inflammatory proteins: markers or mediators of cardiovascular disease?. *Journal of Lipid Research*, **2005**, 46, 389-403	6.3	172
30	Serum amyloid A and lipoprotein retention in murine models of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 785-90	9.4	96
29	The myeloperoxidase product hypochlorous acid oxidizes HDL in the human artery wall and impairs ABCA1-dependent cholesterol transport. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 13032-7	11.5	360
28	Human atherosclerotic intima and blood of patients with established coronary artery disease contain high density lipoprotein damaged by reactive nitrogen species. *Journal of Biological Chemistry*, **2004**, 279, 42977-83	5.4	223
27	Increase in serum amyloid a evoked by dietary cholesterol is associated with increased atherosclerosis in mice. *Circulation*, **2004**, 110, 540-5	16.7	140
26	Safety and tolerability of simvastatin plus niacin in patients with coronary artery disease and low high-density lipoprotein cholesterol (The HDL Atherosclerosis Treatment Study). *American Journal of Cardiology*, **2004**, 93, 307-12	3	98
25	Diabetes and diabetes-associated lipid abnormalities have distinct effects on initiation and progression of atherosclerotic lesions. *Journal of Clinical Investigation*, **2004**, 114, 659-68	15.9	94
24	Diabetes and diabetes-associated lipid abnormalities have distinct effects on initiation and progression of atherosclerotic lesions. *Journal of Clinical Investigation*, **2004**, 114, 659-668	15.9	149

23	Lysophosphatidylcholine regulates synthesis of biglycan and the proteoglycan form of macrophage colony stimulating factor. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 809-15	9.4	33
22	Statin-exposed vascular smooth muscle cells secrete proteoglycans with decreased binding affinity for LDL. *Journal of Lipid Research*, **2003**, 44, 2152-60	6.3	20
21	Proteoglycans synthesized by arterial smooth muscle cells in the presence of transforming growth factor-beta1 exhibit increased binding to LDLs. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 55-60	9.4	127
20	Apolipoprotein E mediates the retention of high-density lipoproteins by mouse carotid arteries and cultured arterial smooth muscle cell extracellular matrices. *Circulation Research*, **2002**, 90, 1333-9	15.7	16
19	Arterial smooth muscle cell proteoglycans synthesized in the presence of glucosamine demonstrate reduced binding to LDL. *Journal of Lipid Research*, **2002**, 43, 149-157	6.3	35
18	Biglycan, a vascular proteoglycan, binds differently to HDL2 and HDL3: role of apoE. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 21, 129-35	9.4	42
17	Interaction of native and modified low-density lipoproteins with extracellular matrix. *Current Opinion in Lipidology*, **2000**, 11, 457-63	4.4	60
16	Oxidized low density lipoproteins regulate synthesis of monkey aortic smooth muscle cell proteoglycans that have enhanced native low density lipoprotein binding properties. *Journal of Biological Chemistry*, **2000**, 275, 4766-73	5.4	66
15	Impaired superoxide production due to a deficiency in phagocyte NADPH oxidase fails to inhibit atherosclerosis in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 1529-35	9.4	156
14	Increased dietary micronutrients decrease serum homocysteine concentrations in patients at high risk of cardiovascular disease. *American Journal of Clinical Nutrition*, **1999**, 70, 881-7	7	38
13	Lipoprotein lipase enhances the binding of native and oxidized low density lipoproteins to versican and biglycan synthesized by cultured arterial smooth muscle cells. *Journal of Biological Chemistry*, **1999**, 274, 34629-36	5.4	77
12	Comparison of apolipoprotein and proteoglycan deposits in human coronary atherosclerotic plaques: colocalization of biglycan with apolipoproteins. *Circulation*, **1998**, 98, 519-27	16.7	247
11	Dietary antioxidants inhibit development of fatty streak lesions in the LDL receptor-deficient mouse. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1998**, 18, 1506-13	9.4	102
10	Dietary isoflavones reduce plasma cholesterol and atherosclerosis in C57BL/6 mice but not LDL receptor-deficient mice. *Journal of Nutrition*, **1998**, 128, 954-9	4.1	159
9	Neovascular expression of E-selectin, intercellular adhesion molecule-1, and vascular cell adhesion molecule-1 in human atherosclerosis and their relation to intimal leukocyte content. *Circulation*, **1996**, 93, 672-82	16.7	374
8	Oxidation-specific epitopes in human coronary atherosclerosis are not limited to oxidized low-density lipoprotein. *Circulation*, **1996**, 94, 1216-25	16.7	53
7	Reduced plasma peroxyl radical trapping capacity and increased susceptibility of LDL to oxidation in poorly controlled IDDM. *Diabetes*, **1994**, 43, 1010-4	0.9	217
6	Lipoprotein modification: cellular mechanisms. *Current Opinion in Lipidology*, **1994**, 5, 365-70	4.4	55

5	D-lactate and metabolic bone disease in patients receiving long-term parenteral nutrition. *Journal of Parenteral and Enteral Nutrition*, **1989**, 13, 132-5	4.2	21
4	Successful pregnancy outcome using total parenteral nutrition from the first trimester of pregnancy. *Journal of Parenteral and Enteral Nutrition*, **1986**, 10, 665-9	4.2	8
3	Very low density lipoprotein overproduction in genetic forms of hypertriglyceridaemia. *European Journal of Clinical Investigation*, **1980**, 10, 17-22	4.6	231
2	Very low density lipoprotein overproduction in genetic forms of hypertriglyceridaemia. *European Journal of Clinical Investigation*, **1980**, 10, 17-22	4.6	145
1	Regulatory role of triiodothyronine in the degradation of low density lipoprotein by cultured human skin fibroblasts. *Journal of Clinical Endocrinology and Metabolism*, **1979**, 48, 887-9	5.6	141