Alan R Tall

List of Publications by Year
in descending order

104 papers	19,419 citations	31976 53 h-index	36028 97 g-index
104 all docs	104 docs citations	104 times ranked	18594 citing authors

#	Article	IF	Citations
1	Effects of Torcetrapib in Patients at High Risk for Coronary Events. New England Journal of Medicine, 2007, 357, 2109-2122.	27.0	2,811
2	Cholesterol, inflammation and innate immunity. Nature Reviews Immunology, 2015, 15, 104-116.	22.7	1,020
3	ATP-binding cassette transporters G1 and G4 mediate cellular cholesterol efflux to high-density lipoproteins. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9774-9779.	7.1	939
4	Sterol-dependent Transactivation of theABC1 Promoter by the Liver X Receptor/Retinoid X Receptor. Journal of Biological Chemistry, 2000, 275, 28240-28245.	3.4	874
5	Increased High-Density Lipoprotein Levels Caused by a Common Cholesteryl-Ester Transfer Protein Gene Mutation. New England Journal of Medicine, 1990, 323, 1234-1238.	27.0	802
6	Cholesteryl Ester Transfer Protein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 160-167.	2.4	780
7	Cholesterol Efflux and Atheroprotection. Circulation, 2012, 125, 1905-1919.	1.6	772
8	ATP-Binding Cassette Transporters and HDL Suppress Hematopoietic Stem Cell Proliferation. Science, 2010, 328, 1689-1693.	12.6	624
9	Evacetrapib and Cardiovascular Outcomes in High-Risk Vascular Disease. New England Journal of Medicine, 2017, 376, 1933-1942.	27.0	593
10	Dysfunctional HDL and atherosclerotic cardiovascular disease. Nature Reviews Cardiology, 2016, 13, 48-60.	13.7	547
11	Specific Binding of ApoA-I, Enhanced Cholesterol Efflux, and Altered Plasma Membrane Morphology in Cells Expressing ABC1. Journal of Biological Chemistry, 2000, 275, 33053-33058.	3.4	520
12	HDL, ABC Transporters, and Cholesterol Efflux: Implications for the Treatment of Atherosclerosis. Cell Metabolism, 2008, 7, 365-375.	16.2	483
13	Molecular basis of lipid transfer protein deficiency in a family with increased high-density lipoproteins. Nature, 1989, 342, 448-451.	27.8	476
14	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
15	ApoE regulates hematopoietic stem cell proliferation, monocytosis, and monocyte accumulation in atherosclerotic lesions in mice. Journal of Clinical Investigation, 2011, 121, 4138-4149.	8.2	431
16	Combined deficiency of ABCA1 and ABCG1 promotes foam cell accumulation and accelerates atherosclerosis in mice. Journal of Clinical Investigation, 2007, 117, 3900-8.	8.2	424
17	Adipose Tissue Macrophages Promote Myelopoiesis and Monocytosis in Obesity. Cell Metabolism, 2014, 19, 821-835.	16.2	395
18	Increased Inflammatory Gene Expression in ABC Transporterâ€“Deficient Macrophages. Circulation, 2008, 118, 1837-1847.	1.6	392

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19	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. Science Translational Medicine, 2016, 8, 333ra50.	12.4	271
20	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Macrophages Increases Inflammation and Accelerates Atherosclerosis in Mice. Circulation Research, 2013, 112, 1456-1465.	4.5	253
21	Atherosclerosis. Circulation Research, 2016, 118, 531-534.	4.5	245
22	Apolipoprotein B secretion and atherosclerosis are decreased in mice with phospholipid-transfer protein deficiency. Nature Medicine, 2001, 7, 847-852.	30.7	243
23	PLASMA LIPID TRANSFER PROTEINS, HIGH-DENSITY LIPOPROTEINS, AND REVERSE CHOLESTEROL TRANSPORT. Annual Review of Nutrition, 1998, 18, 297-330.	10.1	242
24	Is it time to revise the HDL cholesterol hypothesis?. Nature Medicine, 2012, 18, 1344-1346.	30.7	241
25	The AIM2 inflammasome exacerbates atherosclerosis in clonal haematopoiesis. Nature, 2021, 592, 296-301.	27.8	236
26	Regulation of Hematopoietic Stem and Progenitor Cell Mobilization by Cholesterol Efflux Pathways. Cell Stem Cell, 2012, 11, 195-206.	11.1	217
27	Trials and Tribulations of CETP Inhibitors. Circulation Research, 2018, 122, 106-112.	4.5	210
28	Cholesterol Efflux Pathways Suppress Inflammasome Activation, NETosis, and Atherogenesis. Circulation, 2018, 138, 898-912.	1.6	208
29	ATP-Binding Cassette Transporters, Atherosclerosis, and Inflammation. Circulation Research, 2014, 114, 157-170.	4.5	206
30	LXR-Induced Redistribution of ABCG1 to Plasma Membrane in Macrophages Enhances Cholesterol Mass Efflux to HDL. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1310-1316.	2.4	196
31	Macrophage Inflammation, Erythrophagocytosis, and Accelerated Atherosclerosis in <i>Jak2</i> ^{<i>V617F</i>} Mice. Circulation Research, 2018, 123, e35-e47.	4.5	173
32	Cholesterol efflux in megakaryocyte progenitors suppresses platelet production and thrombocytosis. Nature Medicine, 2013, 19, 586-594.	30.7	162
33	ABCA1 and ABCG1 Protect Against Oxidative Stressâ€“Induced Macrophage Apoptosis During Efferocytosis. Circulation Research, 2010, 106, 1861-1869.	4.5	160
34	Cholesterol Accumulation in Dendritic Cells Links the Inflammasome to Acquired Immunity. Cell Metabolism, 2017, 25, 1294-1304.e6.	16.2	153
35	1999 George Lyman Duff Memorial Lecture. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1185-1188.	2.4	116
36	Remodeling of HDL by CETP in vivo and by CETP and hepatic lipase in vitro results in enhanced uptake of HDL CE by cells expressing scavenger receptor B-I. Journal of Lipid Research, 1999, 40, 1185-1193.	4.2	109

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37	Phospholipid transfer protein (PLTP) deficiency reduces brain vitamin E content and increases anxiety in mice.. FASEB Journal, 2005, 19, 1-16.	0.5	106
38	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Endothelial Cells Accelerates Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1328-1337.	2.4	92
39	Inflammasomes, neutrophil extracellular traps, and cholesterol. Journal of Lipid Research, 2019, 60, 721-727.	4.2	92
40	Cholesterol Mass Efflux Capacity, Incident Cardiovascular Disease, and Progression of Carotid Plaque. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 89-96.	2.4	91
41	A human APOC3 missense variant and monoclonal antibody accelerate apoC-III clearance and lower triglyceride-rich lipoprotein levels. Nature Medicine, 2017, 23, 1086-1094.	30.7	88
42	Disordered haematopoiesis and athero-thrombosis. European Heart Journal, 2016, 37, 1113-1121.	2.2	86
43	Anti-Inflammatory Effects of HDL (High-Density Lipoprotein) in Macrophages Predominate Over Proinflammatory Effects in Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e253-e272.	2.4	86
44	Cholesterol in platelet biogenesis and activation. Blood, 2016, 127, 1949-1953.	1.4	82
45	Regulation and mechanisms of macrophage cholesterol efflux. Journal of Clinical Investigation, 2002, 110, 899-904.	8.2	82
46	CAMKIIÎ³ suppresses an efferocytosis pathway in macrophages and promotes atherosclerotic plaque necrosis. Journal of Clinical Investigation, 2017, 127, 4075-4089.	8.2	81
47	Mitochondrial Oxidative Stress Promotes Atherosclerosis and Neutrophil Extracellular Traps in Aged Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e99-e107.	2.4	79
48	Activation of Liver X Receptor Decreases Atherosclerosis in <i>Ldlr</i> ^{<i>âˆ’/âˆ’</i>} Mice in the Absence of ATP-Binding Cassette Transporters A1 and G1 in Myeloid Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 279-284.	2.4	72
49	TTC39B deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis. Nature, 2016, 535, 303-307.	27.8	72
50	Interleukin-3/Granulocyte Macrophage Colonyâ€“Stimulating Factor Receptor Promotes Stem Cell Expansion, Monocytosis, and Atheroma Macrophage Burden in Mice With Hematopoietic <i>ApoE</i> Deficiency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 976-984.	2.4	65
51	LXR Suppresses Inflammatory Gene Expression and Neutrophil Migration through cis-Repression and Cholesterol Efflux. Cell Reports, 2018, 25, 3774-3785.e4.	6.4	64
52	Cholesterol Efflux. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2547-2552.	2.4	63
53	Cholesterol efflux pathways, inflammation, and atherosclerosis. Critical Reviews in Biochemistry and Molecular Biology, 2021, 56, 426-439.	5.2	63
54	LNK/SH2B3 Loss of Function Promotes Atherosclerosis and Thrombosis. Circulation Research, 2016, 119, e91-e103.	4.5	61

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55	Macrophages use apoptotic cell-derived methionine and DNMT3A during efferocytosis to promote tissue resolution. Nature Metabolism, 2022, 4, 444-457.	11.9	56
56	Addressing dyslipidemic risk beyond LDL-cholesterol. Journal of Clinical Investigation, 2022, 132, .	8.2	51
57	Modulation of the NLRP3 inflammasome by Sars-CoV-2 Envelope protein. Scientific Reports, 2021, 11, 24432.	3.3	51
58	Increased Systemic and Plaque Inflammation in <i>ABCA1</i> Mutation Carriers With Attenuation by Statins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1663-1669.	2.4	50
59	Perspectives for vascular genomics. Nature, 2000, 407, 265-269.	27.8	49
60	ATVB In Focus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 710-711.	2.4	48
61	Plasma high density lipoproteins: Therapeutic targeting and links to atherogenic inflammation. Atherosclerosis, 2018, 276, 39-43.	0.8	45
62	Pegylation of High-Density Lipoprotein Decreases Plasma Clearance and Enhances Antiatherogenic Activity. Circulation Research, 2013, 113, e1-e9.	4.5	43
63	Receptors and Lipid Transfer Proteins in HDL Metabolism. Annals of the New York Academy of Sciences, 2000, 902, 103-112.	3.8	41
64	The Effects of Cholesterol Ester Transfer Protein Inhibition on Cholesterol Efflux. American Journal of Cardiology, 2009, 104, 39E-45E.	1.6	33
65	Oxidized Phospholipids Promote NETosis and Arterial Thrombosis in LNK(SH2B3) Deficiency. Circulation, 2021, 144, 1940-1954.	1.6	33
66	Inhibition of JAK2 Suppresses Myelopoiesis and Atherosclerosis in Apoeâˆ'/âˆ' Mice. Cardiovascular Drugs and Therapy, 2020, 34, 145-152.	2.6	32
67	Lipid and metabolic syndrome traits in coronary artery disease: a Mendelian randomization study. Journal of Lipid Research, 2021, 62, 100044.	4.2	32
68	Clonal hematopoiesis in cardiovascular disease and therapeutic implications. , 2022, 1, 116-124.		32
69	Plasma metabolite profiles, cellular cholesterol efflux, and non-traditional cardiovascular risk in patients with CKD. Journal of Molecular and Cellular Cardiology, 2017, 112, 114-122.	1.9	31
70	Myeloid LXR (Liver X Receptor) Deficiency Induces Inflammatory Gene Expression in Foamy Macrophages and Accelerates Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 719-731.	2.4	31
71	Erythroid lineage Jak2V617F expression promotes atherosclerosis through erythrophagocytosis and macrophage ferroptosis. Journal of Clinical Investigation, 2022, 132, .	8.2	30
72	Impact of Perturbed Pancreatic Î²-Cell Cholesterol Homeostasis on Adipose Tissue and Skeletal Muscle Metabolism. Diabetes, 2016, 65, 3610-3620.	0.6	28

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73	Myeloid-specific genetic ablation of ATP-binding cassette transporter ABCA1 is protective against cancer. Oncotarget, 2017, 8, 71965-71980.	1.8	26
74	Commonality with cancer. Nature, 2017, 543, 45-47.	27.8	22
75	Sorting Out Sortilin. Circulation Research, 2011, 108, 158-160.	4.5	20
76	Liver X receptors are required for thymic resilience and T cell output. Journal of Experimental Medicine, 2020, 217, .	8.5	20
77	PPARÎ³ Deacetylation Confers the Antiatherogenic Effect and Improves Endothelial Function in Diabetes Treatment. Diabetes, 2020, 69, 1793-1803.	0.6	19
78	ABCA1 Exerts Tumor-Suppressor Function in Myeloproliferative Neoplasms. Cell Reports, 2020, 30, 3397-3410.e5.	6.4	18
79	â€˜Orphansâ€™ meet cholesterol. Nature Medicine, 2000, 6, 1104-1105.	30.7	16
80	A New Approach to PCSK9 Therapeutics. Circulation Research, 2017, 120, 1063-1065.	4.5	16
81	Antisense oligonucleotide treatment produces a type I interferon response that protects against diet-induced obesity. Molecular Metabolism, 2020, 34, 146-156.	6.5	14
82	Association of Highâ€Density Lipoproteinâ€Cholesterol Versus Apolipoprotein Aâ€I With Risk of Coronary Heart Disease: The European Prospective Investigation Into Cancerâ€Norfolk Prospective Population Study, the Atherosclerosis Risk in Communities Study, and the Women's Health Study. Journal of the American Heart Association, 2017, 6, .	3.7	13
83	HDL in Morbidity and Mortality: A 40+ Year Perspective. Clinical Chemistry, 2021, 67, 19-23.	3.2	13
84	SORTILIN. Circulation Research, 2015, 116, 764-766.	4.5	12
85	Absence of liquid crystalline transitions of cholesterol esters in reconstituted low density lipoproteins. FEBS Letters, 1979, 107, 222-226.	2.8	11
86	Enhanced Megakaryopoiesis and Platelet Activity in Hypercholesterolemic, B6-Ldlr â^’/â^’ , Cdkn2a -Deficient Mice. Circulation: Cardiovascular Genetics, 2016, 9, 213-222.	5.1	9
87	Cholesterol mass efflux capacity and risk of peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis. Atherosclerosis, 2020, 297, 81-86.	0.8	8
88	Macrophage-Specific Expression of Human Collagenase (MMP-1) in Transgenic Mice. Annals of the New York Academy of Sciences, 1999, 878, 736-739.	3.8	7
89	High-Density Lipoproteins, Endothelial Function, and Mendelian Randomization. Circulation Research, 2016, 119, 13-15.	4.5	7
90	Macular Degeneration and CETP Inhibition. JAMA Cardiology, 2022, 7, 774.	6.1	7

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91	A new pathway of macrophage cholesterol efflux. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11853-11855.	7.1	6
92	Leducq Transatlantic Network on Clonal Hematopoiesis and Atherosclerosis. Circulation Research, 2019, 124, 481-483.	4.5	5
93	TTC39B destabilizes retinoblastoma protein promoting hepatic lipogenesis in a sex-specific fashion. Journal of Hepatology, 2022, 76, 383-393.	3.7	4
94	Therapeutic modulation of cellular cholesterol efflux. Current Atherosclerosis Reports, 2001, 3, 345-347.	4.8	3
95	MIghty Mouse. Circulation Research, 2002, 90, 244-245.	4.5	3
96	Response by Fotakis et al to Letter Regarding Article, â€œAnti-Inflammatory Effects of HDL (High-Density) Tj ETQq0 0 0 rgBT /Overlock 1 Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e33-e34.	2.4	2
97	SH2B3/LNK Loss of Function Promotes Atherosclerosis and Thrombosis. Blood, 2015, 126, 3443-3443.	1.4	1
98	JAK2V617F Promotes Atherosclerosis. Blood, 2016, 128, 706-706.	1.4	1
99	New insights into cholesterol efflux via ABCA1. , 2022, 1, 198-199.		1
100	Properties of ApoA-I Milano. Nature Reviews Drug Discovery, 2005, 4, 698-698.	46.4	0
101	Cell Surface Localization of ABCG1 Does Not Require LXR Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, .	2.4	0
102	Abstract 20416: Ttc39b Deficiency Has a Beneficial Role on Cholesterol and Triglyceride Absorption in Enterocytes. Circulation, 2014, 130, .	1.6	0
103	Abstract 64: Pancreatic ÃŸ-Cell--Specific Deletion of ABCA1 and ABCG1 Perturbs Glucose Metabolism and Increases Adiposity in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
104	Abstract 523: Regulation of Pancreatic Î²-cell Gene Expression and Function by ABCA1 and ABCG1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0