

Alan R Tall

List of Publications by Citations

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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.

89

papers

15,203

citations

49

h-index

104

g-index

104

ext. papers

17,556

ext. citations

16.8

avg, IF

6.55

L-index

#	Paper	IF	Citations
89	Effects of torcetrapib in patients at high risk for coronary events. <i>New England Journal of Medicine</i> , 2007 , 357, 2109-22	59.2	2323
88	ATP-binding cassette transporters G1 and G4 mediate cellular cholesterol efflux to high-density lipoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 9774-9	11.5	840
87	Sterol-dependent transactivation of the ABC1 promoter by the liver X receptor/retinoid X receptor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 28240-5	5.4	794
86	Increased high-density lipoprotein levels caused by a common cholesteryl-ester transfer protein gene mutation. <i>New England Journal of Medicine</i> , 1990 , 323, 1234-8	59.2	722
85	Cholesterol, inflammation and innate immunity. <i>Nature Reviews Immunology</i> , 2015 , 15, 104-16	36.5	717
84	Cholesteryl ester transfer protein: a novel target for raising HDL and inhibiting atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 160-7	9.4	657
83	Cholesterol efflux and atheroprotection: advancing the concept of reverse cholesterol transport. <i>Circulation</i> , 2012 , 125, 1905-19	16.7	614
82	ATP-binding cassette transporters and HDL suppress hematopoietic stem cell proliferation. <i>Science</i> , 2010 , 328, 1689-93	33.3	508
81	Specific binding of ApoA-I, enhanced cholesterol efflux, and altered plasma membrane morphology in cells expressing ABC1. <i>Journal of Biological Chemistry</i> , 2000 , 275, 33053-8	5.4	463
80	Molecular basis of lipid transfer protein deficiency in a family with increased high-density lipoproteins. <i>Nature</i> , 1989 , 342, 448-51	50.4	426
79	HDL, ABC transporters, and cholesterol efflux: implications for the treatment of atherosclerosis. <i>Cell Metabolism</i> , 2008 , 7, 365-75	24.6	418
78	Evacetrapib and Cardiovascular Outcomes in High-Risk Vascular Disease. <i>New England Journal of Medicine</i> , 2017 , 376, 1933-1942	59.2	406
77	Dysfunctional HDL and atherosclerotic cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2016 , 13, 48-60	14.8	384
76	Combined deficiency of ABCA1 and ABCG1 promotes foam cell accumulation and accelerates atherosclerosis in mice. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3900-8	15.9	375
75	ApoE regulates hematopoietic stem cell proliferation, monocytosis, and monocyte accumulation in atherosclerotic lesions in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4138-49	15.9	351
74	Increased inflammatory gene expression in ABC transporter-deficient macrophages: free cholesterol accumulation, increased signaling via toll-like receptors, and neutrophil infiltration of atherosclerotic lesions. <i>Circulation</i> , 2008 , 118, 1837-47	16.7	316
73	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.6	310

72	Adipose tissue macrophages promote myelopoiesis and monocytosis in obesity. <i>Cell Metabolism</i> , 2014 , 19, 821-35	24.6	305
71	Apolipoprotein B secretion and atherosclerosis are decreased in mice with phospholipid-transfer protein deficiency. <i>Nature Medicine</i> , 2001 , 7, 847-52	50.5	233
70	Plasma lipid transfer proteins, high-density lipoproteins, and reverse cholesterol transport. <i>Annual Review of Nutrition</i> , 1998 , 18, 297-330	9.9	222
69	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016 , 8, 333ra50	17.5	204
68	The not-so-simple HDL story: Is it time to revise the HDL cholesterol hypothesis?. <i>Nature Medicine</i> , 2012 , 18, 1344-6	50.5	204
67	Deficiency of ATP-binding cassette transporters A1 and G1 in macrophages increases inflammation and accelerates atherosclerosis in mice. <i>Circulation Research</i> , 2013 , 112, 1456-65	15.7	196
66	Regulation of hematopoietic stem and progenitor cell mobilization by cholesterol efflux pathways. <i>Cell Stem Cell</i> , 2012 , 11, 195-206	18	185
65	LXR-induced redistribution of ABCG1 to plasma membrane in macrophages enhances cholesterol mass efflux to HDL. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1310-6	9.4	176
64	ATP-binding cassette transporters, atherosclerosis, and inflammation. <i>Circulation Research</i> , 2014 , 114, 157-70	15.7	170
63	Cholesterol efflux in megakaryocyte progenitors suppresses platelet production and thrombocytosis. <i>Nature Medicine</i> , 2013 , 19, 586-94	50.5	139
62	Trials and Tribulations of CETP Inhibitors. <i>Circulation Research</i> , 2018 , 122, 106-112	15.7	132
61	Cholesterol Efflux Pathways Suppress Inflammasome Activation, NETosis, and Atherogenesis. <i>Circulation</i> , 2018 , 138, 898-912	16.7	131
60	ABCA1 and ABCG1 protect against oxidative stress-induced macrophage apoptosis during efferocytosis. <i>Circulation Research</i> , 2010 , 106, 1861-9	15.7	128
59	Cholesterol Accumulation in Dendritic Cells Links the Inflammasome to Acquired Immunity. <i>Cell Metabolism</i> , 2017 , 25, 1294-1304.e6	24.6	101
58	1999 George Lyman Duff memorial lecture: lipid transfer proteins, HDL metabolism, and atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1185-8	9.4	99
57	Phospholipid transfer protein (PLTP) deficiency reduces brain vitamin E content and increases anxiety in mice. <i>FASEB Journal</i> , 2005 , 19, 296-7	0.9	96
56	Macrophage Inflammation, Erythrophagocytosis, and Accelerated Atherosclerosis in Jak2 Mice. <i>Circulation Research</i> , 2018 , 123, e35-e47	15.7	93
55	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. <i>Journal of Lipid Research</i> , 1999 , 40, 1185-1193	6.3	87

54	The AIM2 inflammasome exacerbates atherosclerosis in clonal haematopoiesis. <i>Nature</i> , 2021 , 592, 296-301.4	9.4	77
53	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Endothelial Cells Accelerates Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1328-37	9.4	73
52	Disordered haematopoiesis and athero-thrombosis. <i>European Heart Journal</i> , 2016 , 37, 1113-21	9.5	71
51	Regulation and mechanisms of macrophage cholesterol efflux. <i>Journal of Clinical Investigation</i> , 2002 , 110, 899-904	15.9	65
50	Cholesterol Mass Efflux Capacity, Incident Cardiovascular Disease, and Progression of Carotid Plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 89-96	9.4	64
49	A human APOC3 missense variant and monoclonal antibody accelerate apoC-III clearance and lower triglyceride-rich lipoprotein levels. <i>Nature Medicine</i> , 2017 , 23, 1086-1094	50.5	63
48	Activation of liver X receptor decreases atherosclerosis in Ldlr ^{-/-} mice in the absence of ATP-binding cassette transporters A1 and G1 in myeloid cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 279-84	9.4	61
47	Interleukin-3/granulocyte macrophage colony-stimulating factor receptor promotes stem cell expansion, monocytosis, and atheroma macrophage burden in mice with hematopoietic ApoE deficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 976-84	9.4	56
46	Mitochondrial Oxidative Stress Promotes Atherosclerosis and Neutrophil Extracellular Traps in Aged Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, e99-e107	9.4	55
45	Cholesterol in platelet biogenesis and activation. <i>Blood</i> , 2016 , 127, 1949-53	2.2	55
44	Anti-Inflammatory Effects of HDL (High-Density Lipoprotein) in Macrophages Predominate Over Proinflammatory Effects in Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, e253-e272	9.4	52
43	CAMKII β suppresses an efferocytosis pathway in macrophages and promotes atherosclerotic plaque necrosis. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4075-4089	15.9	50
42	TTC39B deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis. <i>Nature</i> , 2016 , 535, 303-7	50.4	50
41	Cholesterol efflux: a novel regulator of myelopoiesis and atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2547-52	9.4	49
40	LNK/SH2B3 Loss of Function Promotes Atherosclerosis and Thrombosis. <i>Circulation Research</i> , 2016 , 119, e91-e103	15.7	45
39	Inflammasomes, neutrophil extracellular traps, and cholesterol. <i>Journal of Lipid Research</i> , 2019 , 60, 721-727	15.7	43
38	Pegylation of high-density lipoprotein decreases plasma clearance and enhances antiatherogenic activity. <i>Circulation Research</i> , 2013 , 113, e1-e9	15.7	41
37	LXR Suppresses Inflammatory Gene Expression and Neutrophil Migration through cis-Repression and Cholesterol Efflux. <i>Cell Reports</i> , 2018 , 25, 3774-3785.e4	10.6	41

36	Role of ABCA1 in cellular cholesterol efflux and reverse cholesterol transport. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 710-1	9.4	39
35	Increased Systemic and Plaque Inflammation in ABCA1 Mutation Carriers With Attenuation by Statins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1663-9	9.4	38
34	Plasma high density lipoproteins: Therapeutic targeting and links to atherogenic inflammation. <i>Atherosclerosis</i> , 2018 , 276, 39-43	3.1	37
33	Perspectives for vascular genomics. <i>Nature</i> , 2000 , 407, 265-9	50.4	37
32	Receptors and Lipid Transfer Proteins in HDL Metabolism. <i>Annals of the New York Academy of Sciences</i> , 2006 , 902, 103-112	6.5	33
31	The effects of cholesterol ester transfer protein inhibition on cholesterol efflux. <i>American Journal of Cardiology</i> , 2009 , 104, 39E-45E	3	32
30	Plasma metabolite profiles, cellular cholesterol efflux, and non-traditional cardiovascular risk in patients with CKD. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 112, 114-122	5.8	22
29	Inhibition of JAK2 Suppresses Myelopoiesis and Atherosclerosis in Apoe Mice. <i>Cardiovascular Drugs and Therapy</i> , 2020 , 34, 145-152	3.9	19
28	Sorting out sortilin. <i>Circulation Research</i> , 2011 , 108, 158-60	15.7	18
27	Myeloid-specific genetic ablation of ATP-binding cassette transporter ABCA1 is protective against cancer. <i>Oncotarget</i> , 2017 , 8, 71965-71980	3.3	18
26	Impact of Perturbed Pancreatic β Cell Cholesterol Homeostasis on Adipose Tissue and Skeletal Muscle Metabolism. <i>Diabetes</i> , 2016 , 65, 3610-3620	0.9	16
25	Lipid and metabolic syndrome traits in coronary artery disease: a Mendelian randomization study. <i>Journal of Lipid Research</i> , 2021 , 62, 100044	6.3	13
24	Absence of liquid crystalline transitions of cholesterol esters in reconstituted low density lipoproteins. <i>FEBS Letters</i> , 1979 , 107, 222-6	3.8	10
23	Liver X receptors are required for thymic resilience and T cell output. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	10
22	Cholesterol efflux pathways, inflammation, and atherosclerosis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2021 , 56, 426-439	8.7	10
21	Association of High-Density Lipoprotein-Cholesterol Versus Apolipoprotein A-I With Risk of Coronary Heart Disease: The European Prospective Investigation Into Cancer-Norfolk Prospective Population Study, the Atherosclerosis Risk in Communities Study, and the Women's Health Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	9
20	Modulation of the NLRP3 inflammasome by Sars-CoV-2 Envelope protein.. <i>Scientific Reports</i> , 2021 , 11, 24432	4.9	9
19	A New Approach to PCSK9 Therapeutics. <i>Circulation Research</i> , 2017 , 120, 1063-1065	15.7	8

18	PPAR δ Deacetylation Confers the Antiatherogenic Effect and Improves Endothelial Function in Diabetes Treatment. <i>Diabetes</i> , 2020 , 69, 1793-1803	0.9	8
17	ABCA1 Exerts Tumor-Suppressor Function in Myeloproliferative Neoplasms. <i>Cell Reports</i> , 2020 , 30, 3397-3410.	10.5	5
16	Cholesterol mass efflux capacity and risk of peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2020 , 297, 81-86	3.1	7
15	Antisense oligonucleotide treatment produces a type I interferon response that protects against diet-induced obesity. <i>Molecular Metabolism</i> , 2020 , 34, 146-156	8.8	7
14	Macrophage-specific expression of human collagenase (MMP-1) in transgenic mice. <i>Annals of the New York Academy of Sciences</i> , 1999 , 878, 736-9	6.5	7
13	Addressing dyslipidemic risk beyond LDL-cholesterol.. <i>Journal of Clinical Investigation</i> , 2022 , 132,	15.9	6
12	Oxidized Phospholipids Promote NETosis and Arterial Thrombosis in LNK(SH2B3) Deficiency. <i>Circulation</i> , 2021 ,	16.7	6
11	Enhanced Megakaryopoiesis and Platelet Activity in Hypercholesterolemic, B6-Ldlr ^{-/-} , Cdkn2a-Deficient Mice. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 213-22		6
10	HDL in Morbidity and Mortality: A 40+ Year Perspective. <i>Clinical Chemistry</i> , 2021 , 67, 19-23	5.5	5
9	A new pathway of macrophage cholesterol efflux. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11853-11855	11.5	3
8	Therapeutic modulation of cellular cholesterol efflux. <i>Current Atherosclerosis Reports</i> , 2001 , 3, 345-7	6	3
7	Mighty Mouse. <i>Circulation Research</i> , 2002 , 90, 244-245	15.7	3
6	Clonal hematopoiesis in cardiovascular disease and therapeutic implications		2
5	Response by Fotakis et al to Letter Regarding Article, "Anti-Inflammatory Effects of HDL (High-Density Lipoprotein) in Macrophages Predominate Over Proinflammatory Effects in Atherosclerotic Plaques". <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, e33-e34	9.4	2
4	SH2B3/LNK Loss of Function Promotes Atherosclerosis and Thrombosis. <i>Blood</i> , 2015 , 126, 3443-3443	2.2	1
3	Myeloid LXR (Liver X Receptor) Deficiency Induces Inflammatory Gene Expression in Foamy Macrophages and Accelerates Atherosclerosis.. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022 , 101161ATVBAHA122317583	9.4	1
2	JAK2V617F Promotes Atherosclerosis. <i>Blood</i> , 2016 , 128, 706-706	2.2	0
1	Properties of ApoA-I Milano. <i>Nature Reviews Drug Discovery</i> , 2005 , 4, 698-698	64.1	

