

Alan T Remaley

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,318
citations

172207

29
h-index

161609

54
g-index

81
all docs

81
docs citations

81
times ranked

3738
citing authors

#	ARTICLE	IF	CITATIONS
1	Triglyceride-rich lipoproteins and their remnants: metabolic insights, role in atherosclerotic cardiovascular disease, and emerging therapeutic strategies—a consensus statement from the European Atherosclerosis Society. <i>European Heart Journal</i> , 2021, 42, 4791-4806.	1.0	303
2	A New Equation for Calculation of Low-Density Lipoprotein Cholesterol in Patients With Normolipidemia and/or Hypertriglyceridemia. <i>JAMA Cardiology</i> , 2020, 5, 540.	3.0	259
3	Synthetic amphipathic helical peptides promote lipid efflux from cells by an ABCA1-dependent and an ABCA1-independent pathway. <i>Journal of Lipid Research</i> , 2003, 44, 828-836.	2.0	179
4	Serum Amyloid A Binding to CLA-1 (CD36 and LIMPII Analogous-1) Mediates Serum Amyloid A Protein-induced Activation of ERK1/2 and p38 Mitogen-activated Protein Kinases. <i>Journal of Biological Chemistry</i> , 2005, 280, 8031-8040.	1.6	155
5	Role of Human CD36 in Bacterial Recognition, Phagocytosis, and Pathogen-Induced JNK-Mediated Signaling. <i>Journal of Immunology</i> , 2008, 181, 7147-7156.	0.4	137
6	COVID-19 Associated dyslipidemia: Implications for mechanism of impaired resolution and novel therapeutic approaches. <i>FASEB Journal</i> , 2020, 34, 9843-9853.	0.2	129
7	HDL in the 21st Century: A Multifunctional Roadmap for Future HDL Research. <i>Circulation</i> , 2021, 143, 2293-2309.	1.6	123
8	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 50-67.	5.5	114
9	5A Apolipoprotein Mimetic Peptide Promotes Cholesterol Efflux and Reduces Atherosclerosis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 634-641.	1.3	103
10	Phase 1 double-blind randomized safety trial of the Janus kinase inhibitor tofacitinib in systemic lupus erythematosus. <i>Nature Communications</i> , 2021, 12, 3391.	5.8	93
11	Asymmetry in the Lipid Affinity of Bihelical Amphipathic Peptides. <i>Journal of Biological Chemistry</i> , 2008, 283, 32273-32282.	1.6	87
12	The lysosome: A potential juncture between SARS-CoV-2 infectivity and Niemann-Pick disease type C, with therapeutic implications. <i>FASEB Journal</i> , 2020, 34, 7253-7264.	0.2	83
13	Stearoyl-CoA desaturase-1 impairs the reparative properties of macrophages and microglia in the brain. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	72
14	Structure/Function Relationships of Apolipoprotein A-I Mimetic Peptides. <i>Circulation Research</i> , 2010, 107, 217-227.	2.0	71
15	5A, an Apolipoprotein A-I Mimetic Peptide, Attenuates the Induction of House Dust Mite-Induced Asthma. <i>Journal of Immunology</i> , 2011, 186, 576-583.	0.4	68
16	HDL-replacement therapy: mechanism of action, types of agents and potential clinical indications. <i>Expert Review of Cardiovascular Therapy</i> , 2008, 6, 1203-1215.	0.6	67
17	CLA-1 and its splicing variant CLA-2 mediate bacterial adhesion and cytosolic bacterial invasion in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16888-16893.	3.3	66
18	Targeting of Scavenger Receptor Class B Type I by Synthetic Amphipathic Î±-Helical-containing Peptides Blocks Lipopolysaccharide (LPS) Uptake and LPS-induced Pro-inflammatory Cytokine Responses in THP-1 Monocyte Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 36072-36082.	1.6	60

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19	Apolipoprotein A-I activates Cdc42 signaling through the ABCA1 transporter. <i>Journal of Lipid Research</i> , 2006, 47, 794-803.	2.0	58
20	Class B Scavenger Receptor Types I and II and CD36 Targeting Improves Sepsis Survival and Acute Outcomes in Mice. <i>Journal of Immunology</i> , 2012, 188, 2749-2758.	0.4	56
21	A dual apolipoprotein C-II mimeticâ€œapolipoprotein C-III antagonist peptide lowers plasma triglycerides. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	56
22	Antagonism of scavenger receptor CD36 by 5AÎpeptide prevents chronic kidney disease progression in mice independent of blood pressureÂregulation. <i>Kidney International</i> , 2016, 89, 809-822.	2.6	55
23	Association Between Oxidation-Modified Lipoproteins and Coronary Plaque in Psoriasis. <i>Circulation Research</i> , 2018, 123, 1244-1254.	2.0	53
24	Human SR-BI and SR-BII Potentiate Lipopolysaccharide-Induced Inflammation and Acute Liver and Kidney Injury in Mice. <i>Journal of Immunology</i> , 2016, 196, 3135-3147.	0.4	50
25	Targeting Lipid Raftsâ€”A Potential Therapy for COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 574508.	2.2	45
26	A New Equation Based on the Standard Lipid Panel for Calculating Small Dense Low-Density Lipoprotein-Cholesterol and Its Use as a Risk-Enhancer Test. <i>Clinical Chemistry</i> , 2021, 67, 987-997.	1.5	39
27	GlycA: a new biomarker for systemic inflammation and cardiovascular disease (CVD) risk assessment. <i>Journal of Laboratory and Precision Medicine</i> , 2020, 5, 17-17.	1.1	38
28	Lecithin:Cholesterol Acyltransferase Activation by Sulfhydryl-Reactive Small Molecules: Role of Cysteine-31. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 306-318.	1.3	34
29	Dietary Palmitoleic Acid Attenuates Atherosclerosis Progression and Hyperlipidemia in Lowâ€Density Lipoprotein Receptorâ€Deficient Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900120.	1.5	33
30	Apolipoprotein C-II: the re-emergence of a forgotten factor. <i>Current Opinion in Lipidology</i> , 2020, 31, 147-153.	1.2	33
31	Use of Lipoprotein Particle Measures for Assessing Coronary Heart Disease Risk Post-American Heart Association/American College of Cardiology Guidelines. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 448-454.	1.1	29
32	<i>SCARB1</i> Gene Variants Are Associated With the Phenotype of Combined High High-Density Lipoprotein Cholesterol and High Lipoprotein (a). <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 408-418.	5.1	29
33	Synthetic Amphipathic Helical Peptides Targeting CD36 Attenuate Lipopolysaccharide-Induced Inflammation and Acute Lung Injury. <i>Journal of Immunology</i> , 2016, 197, 611-619.	0.4	28
34	The extended lipid panel assay: a clinically-deployed high-throughput nuclear magnetic resonance method for the simultaneous measurement of lipids and Apolipoprotein B. <i>Lipids in Health and Disease</i> , 2020, 19, 247.	1.2	27
35	Comparison of Omega-3 Eicosapentaenoic Acid Versus Docosahexaenoic Acid-Rich Fish Oil Supplementation on Plasma Lipids and Lipoproteins in Normolipidemic Adults. <i>Nutrients</i> , 2020, 12, 749.	1.7	27
36	Apolipoprotein Mimetic Peptides: Potential New Therapies for Cardiovascular Diseases. <i>Cells</i> , 2021, 10, 597.	1.8	26

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37	Resolution of Lipoprotein Subclasses by Charge Detection Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 6353-6356.	3.2	24
38	LCAT Enzyme Replacement Therapy Reduces LpX and Improves Kidney Function in a Mouse Model of Familial LCAT Deficiency. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 423-434.	1.3	23
39	The NIH Lipo-COVID Study: A Pilot NMR Investigation of Lipoprotein Subfractions and Other Metabolites in Patients with Severe COVID-19. <i>Biomedicines</i> , 2021, 9, 1090.	1.4	22
40	Reconstituted Discoidal High-Density Lipoproteins: Bioinspired Nanodiscs with Many Unexpected Applications. <i>Current Atherosclerosis Reports</i> , 2018, 20, 59.	2.0	21
41	Novel lecithin:cholesterol acyltransferase-based therapeutic approaches. <i>Current Opinion in Lipidology</i> , 2020, 31, 71-79.	1.2	21
42	High-density lipoproteins are a potential therapeutic target for age-related macular degeneration. <i>Journal of Biological Chemistry</i> , 2020, 295, 13601-13616.	1.6	20
43	Associations of GlycA and high-sensitivity C-reactive protein with measures of lipolysis in adults with obesity. <i>Journal of Clinical Lipidology</i> , 2020, 14, 667-674.	0.6	19
44	Hydrophobic Amino Acids in the Hinge Region of the 5A Apolipoprotein Mimetic Peptide are Essential for Promoting Cholesterol Efflux by the ABCA1 Transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 344, 50-58.	1.3	17
45	Apolipoprotein C-II mimetic peptide is an efficient activator of lipoprotein lipase in human plasma as studied by a calorimetric approach. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 67-72.	1.0	14
46	Apolipoprotein C-II Mimetic Peptide Promotes the Plasma Clearance of Triglyceride-Rich Lipid Emulsion and the Incorporation of Fatty Acids into Peripheral Tissues of Mice. <i>Journal of Nutrition and Metabolism</i> , 2019, 2019, 1-9.	0.7	14
47	Plasma lipoprotein-X quantification on filipin-stained gels: monitoring recombinant LCAT treatment ex vivo. <i>Journal of Lipid Research</i> , 2019, 60, 1050-1057.	2.0	14
48	Interleukin 10 promotes macrophage uptake of HDL and LDL by stimulating fluid-phase endocytosis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158537.	1.2	14
49	Supplementation with saury oil, a fish oil high in omega-11 monounsaturated fatty acids, improves plasma lipids in healthy subjects. <i>Journal of Clinical Lipidology</i> , 2020, 14, 53-65.e2.	0.6	13
50	Methodological issues regarding: "A third of nonfasting plasma cholesterol is in remnant lipoproteins: Lipoprotein subclass profiling in 9293 individuals" <i>Atherosclerosis</i> , 2020, 302, 55-56.	0.4	13
51	Coexpression of novel furin-resistant LPL variants with lipase maturation factor 1 enhances LPL secretion and activity. <i>Journal of Lipid Research</i> , 2018, 59, 2456-2465.	2.0	12
52	Intravenous toxicity and toxicokinetics of an HDL mimetic, Fx-5A peptide complex, in cynomolgus monkeys. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 100, 59-67.	1.3	12
53	High-density lipoproteins: A promising tool against cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159068.	1.2	12
54	Is Low-Density Lipoprotein Cholesterol the Key to Interpret the Role of Lecithin:Cholesterol Acyltransferase in Atherosclerosis?. <i>Circulation</i> , 2018, 138, 1008-1011.	1.6	10

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55	LDL Cholesterol: What Is the Best Way to Measure It?. <i>Clinical Chemistry</i> , 2019, 65, 1067-1069.	1.5	10
56	Colchicine's effects on lipoprotein particle concentrations in adults with metabolic syndrome: A secondary analysis of a randomized controlled trial. <i>Journal of Clinical Lipidology</i> , 2019, 13, 1016-1022.e2.	0.6	10
57	DENND5B Regulates Intestinal Triglyceride Absorption and Body Mass. <i>Scientific Reports</i> , 2019, 9, 3597.	1.6	10
58	Apolipoprotein A ϵ in mouse cerebrospinal fluid derives from the liver and intestine via plasma high-density lipoproteins assembled by ABCA1 and LCAT. <i>FEBS Letters</i> , 2021, 595, 773-788.	1.3	10
59	Serum levels of small HDL particles are negatively correlated with death or lung transplantation in an observational study of idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2021, 58, 2004053.	3.1	10
60	Transgelin: a new gene involved in LDL endocytosis identified by a genome-wide CRISPR-Cas9 screen. <i>Journal of Lipid Research</i> , 2022, 63, 100160.	2.0	10
61	Complex association of apolipoprotein E ϵ -containing HDL with coronary artery disease burden in cardiovascular disease. <i>JCI Insight</i> , 2022, 7, .	2.3	10
62	Effect of niacin monotherapy on high density lipoprotein composition and function. <i>Lipids in Health and Disease</i> , 2020, 19, 190.	1.2	8
63	Statins for Smith-Lemli-Opitz syndrome. <i>The Cochrane Library</i> , 2020, 2020, .	1.5	8
64	ApoA-I-Mediated Lipoprotein Remodeling Monitored with a Fluorescent Phospholipid. <i>Biology</i> , 2019, 8, 53.	1.3	6
65	Oxidized Lipids and Lipoprotein Dysfunction in Psoriasis. <i>Journal of Psoriasis and Psoriatic Arthritis</i> , 2020, 5, 139-146.	0.3	6
66	Apolipoprotein CIII and Angiotensin-like Protein 8 are Elevated in Lipodystrophy and Decrease after Metreleptin. <i>Journal of the Endocrine Society</i> , 2021, 5, bvaa191.	0.1	6
67	Effects of Multiple Freeze/Thaw Cycles on Measurements of Potential Novel Biomarkers Associated With Adverse Pregnancy Outcomes. <i>Journal of Clinical and Laboratory Medicine</i> , 2017, 2, .	0.1	6
68	A new phenotypic classification system for dyslipidemias based on the standard lipid panel. <i>Lipids in Health and Disease</i> , 2021, 20, 170.	1.2	6
69	Incorporation of β -methylated amino acids into Apolipoprotein A-I mimetic peptides improves their helicity and cholesterol efflux potential. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 349-354.	1.0	5
70	Probing the Assembly of HDL Mimetic, Drug Carrying Nanoparticles Using Intrinsic Fluorescence. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 113-121.	1.3	5
71	Perspectives on the Changing Landscape of Measuring Cardiovascular Risk Related to LDL. <i>Clinical Chemistry</i> , 2019, 65, 1487-1492.	1.5	3
72	Effects of colchicine on lipolysis and adipose tissue inflammation in adults with obesity and metabolic syndrome. <i>Obesity</i> , 2022, 30, 358-368.	1.5	3

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73	Where There Is Smoke, There Is Fire. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 306-308.	1.1	2
74	Significantly Elevated Vitamin B12 Levels in Autoimmune Lymphoproliferative Syndrome (ALPS), a Rare Lymphoproliferative Disorder with Apoptosis Defect. <i>Blood</i> , 2008, 112, 4898-4898.	0.6	2
75	High-density lipoprotein lifts the "dark web" cast by neutrophils. <i>Annals of Translational Medicine</i> , 2018, 6, S24-S24.	0.7	1
76	LDL associates with pro-inflammatory monocyte subset differentiation and increases in chemokine receptor profile expression in African Americans. <i>International Journal of Cardiology</i> , 2022, 358, 88-93.	0.8	1
77	Commentary. <i>Clinical Chemistry</i> , 2019, 65, 1219-1220.	1.5	0
78	Sickle Cell Pulmonary Hypertension and Dysregulated NO Axis in a Mouse Model Are Modulated by Apolipoprotein a-1 Availability. <i>Blood</i> , 2008, 112, 2499-2499.	0.6	0
79	Apolipoprotein A-I Mimetic Peptide and Sickle Vasculopathy: Mouse Model Study of Acute Administration.. <i>Blood</i> , 2009, 114, 1521-1521.	0.6	0
80	Accuracy of New Equation to Calculate Low-Density Lipoprotein Cholesterol—Reply. <i>JAMA Cardiology</i> , 2021, 6, 122-123.	3.0	0
81	A novel loop-mediated isothermal amplification-based genotyping method and its application for identifying proprotein convertase subtilisin/kexin type 9 variants in familial hypercholesterolemia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, , 130063.	1.1	0