

Henry J Pownall

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1634999/henry-j-pownall-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

10,156
citations

49
h-index

94
g-index

230
ext. papers

11,277
ext. citations

5.5
avg, IF

5.58
L-index

#	Paper	IF	Citations
217	Cardiovascular effects of intensive lifestyle intervention in type 2 diabetes. <i>New England Journal of Medicine</i> , 2013 , 369, 145-54	59.2	1738
216	Association of an intensive lifestyle intervention with remission of type 2 diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 2489-96	27.4	390
215	Association of the magnitude of weight loss and changes in physical fitness with long-term cardiovascular disease outcomes in overweight or obese people with type 2 diabetes: a post-hoc analysis of the Look AHEAD randomised clinical trial. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 913-921	18.1	282
214	Introduction to the plasma lipoproteins. <i>Methods in Enzymology</i> , 1986 , 128, 3-41	1.7	278
213	Effects of sirolimus on plasma lipids, lipoprotein levels, and fatty acid metabolism in renal transplant patients. <i>Journal of Lipid Research</i> , 2002 , 43, 1170-1180	6.3	213
212	Kinetics of lipid-protein interactions: interaction of apolipoprotein A-I from human plasma high density lipoproteins with phosphatidylcholines. <i>Biochemistry</i> , 1978 , 17, 1183-8	3.2	213
211	Levels of soluble cell adhesion molecules in patients with dyslipidemia. <i>Circulation</i> , 1996 , 93, 1334-8	16.7	206
210	Soluble cell adhesion molecules in hypertriglyceridemia and potential significance on monocyte adhesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 723-31	9.4	177
209	Transbilayer diffusion of phospholipids: dependence on headgroup structure and acyl chain length. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988 , 938, 155-66	3.8	177
208	Mechanism and kinetics of transfer of a fluorescent fatty acid between single-walled phosphatidylcholine vesicles. <i>Biochemistry</i> , 1980 , 19, 108-16	3.2	174
207	Choline deficiency causes reversible hepatic abnormalities in patients receiving parenteral nutrition: proof of a human choline requirement: a placebo-controlled trial. <i>Journal of Parenteral and Enteral Nutrition</i> , 2001 , 25, 260-8	4.2	163
206	Hyperhomocysteinemia accelerates atherosclerosis in cystathionine beta-synthase and apolipoprotein E double knock-out mice with and without dietary perturbation. <i>Blood</i> , 2003 , 101, 3901-7 ²		152
205	Troglitazone antagonizes tumor necrosis factor-alpha-induced reprogramming of adipocyte gene expression by inhibiting the transcriptional regulatory functions of NF-kappaB. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28181-92	5.4	147
204	Correlation of serum triglyceride and its reduction by omega-3 fatty acids with lipid transfer activity and the neutral lipid compositions of high-density and low-density lipoproteins. <i>Atherosclerosis</i> , 1999 , 143, 285-97	3.1	146
203	Impact of intensive lifestyle intervention on depression and health-related quality of life in type 2 diabetes: the Look AHEAD Trial. <i>Diabetes Care</i> , 2014 , 37, 1544-53	14.6	129
202	Low-density lipoprotein in hypercholesterolemic human plasma induces vascular endothelial cell apoptosis by inhibiting fibroblast growth factor 2 transcription. <i>Circulation</i> , 2003 , 107, 2102-8	16.7	129
201	Viscosity of the hydrocarbon region of micelles. Measurement by excimer fluorescence. <i>Journal of the American Chemical Society</i> , 1973 , 95, 3136-3140	16.4	128

200	Impact of an intensive lifestyle intervention on use and cost of medical services among overweight and obese adults with type 2 diabetes: the action for health in diabetes. <i>Diabetes Care</i> , 2014 , 37, 2548-56	14.6	123
199	Phase transitions in bilamellar vesicles. Measurements by pyrene excimer fluorescence and effect on transacylation by lecithin: cholesterol acyltransferase. <i>Biochemistry</i> , 1974 , 13, 2828-36	3.2	111
198	Kinetics of lipid-protein interactions: effect of cholesterol on the association of human plasma high-density apolipoprotein A-I with L-alpha-dimyristoylphosphatidylcholine. <i>Biochemistry</i> , 1979 , 18, 574-9	3.2	107
197	Structural basis of transfer between lipoproteins by cholesteryl ester transfer protein. <i>Nature Chemical Biology</i> , 2012 , 8, 342-9	11.7	104
196	Effect of sirolimus on the metabolism of apoB100- containing lipoproteins in renal transplant patients. <i>Transplantation</i> , 2001 , 72, 1244-50	1.8	104
195	Kinetics and mechanism of the spontaneous transfer of fluorescent phosphatidylcholines between apolipoprotein-phospholipid recombinants. <i>Biochemistry</i> , 1982 , 21, 3630-6	3.2	100
194	Reconstituted low density lipoprotein: a vehicle for the delivery of hydrophobic fluorescent probes to cells. <i>Journal of Supramolecular Structure</i> , 1979 , 10, 467-78		100
193	Estrogen: an emerging regulator of insulin action and mitochondrial function. <i>Journal of Diabetes Research</i> , 2015 , 2015, 916585	3.9	99
192	Molecular and macromolecular specificity of human plasma phospholipid transfer protein. <i>Biochemistry</i> , 1997 , 36, 3645-53	3.2	98
191	Metabolic basis of HIV-lipodystrophy syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E332-7	6	95
190	Interaction of vitamin E with saturated phospholipid bilayers. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 106, 842-7	3.4	91
189	Isolation, characterization, and functional assessment of oxidatively modified subfractions of circulating low-density lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1083-90	9.4	88
188	Absorption and emission spectra of aromatic ketones and their medium dependence. Excited states of xanthone. <i>Journal of the American Chemical Society</i> , 1971 , 93, 6429-6436	16.4	87
187	Measurement and prediction of the rates of spontaneous transfer of phospholipids between plasma lipoproteins. <i>Lipids and Lipid Metabolism</i> , 1984 , 794, 274-80		85
186	Shear-induced disulfide bond formation regulates adhesion activity of von Willebrand factor. <i>Journal of Biological Chemistry</i> , 2007 , 282, 35604-11	5.4	84
185	Transport of biological lipophiles: effect of lipophile structure. <i>Journal of the American Chemical Society</i> , 1983 , 105, 2440-2445	16.4	84
184	Morphology and structure of lipoproteins revealed by an optimized negative-staining protocol of electron microscopy. <i>Journal of Lipid Research</i> , 2011 , 52, 175-84	6.3	82
183	Thermodynamics of lipid-protein interactions: Interaction of apolipoprotein A-II from human plasma high-density lipoproteins with dimyristoylphosphatidylcholine. <i>Biochemistry</i> , 1981 , 20, 1575-84	3.2	64

182	Association of Weight Loss Maintenance and Weight Regain on 4-Year Changes in CVD Risk Factors: the Action for Health in Diabetes (Look AHEAD) Clinical Trial. <i>Diabetes Care</i> , 2016 , 39, 1345-55	14.6	63
181	Kinetics and mechanism of association of human plasma apolipoproteins with dimyristoylphosphatidylcholine: effect of protein structure and lipid clusters on reaction rates. <i>Biochemistry</i> , 1981 , 20, 6630-5	3.2	62
180	Structures of biologically active oxysterols determine their differential effects on phospholipid membranes. <i>Biochemistry</i> , 2006 , 45, 10747-58	3.2	61
179	Model of human low-density lipoprotein and bound receptor based on cryoEM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1059-64	11.5	59
178	Pyrene-labeled lipids: versatile probes of membrane dynamics in vitro and in living cells. <i>Chemistry and Physics of Lipids</i> , 1989 , 50, 191-211	3.7	59
177	Interfacial properties of model membranes and plasma lipoproteins containing ether lipids. <i>Biochemistry</i> , 1985 , 24, 6973-8	3.2	59
176	The polar nature of 7-ketocholesterol determines its location within membrane domains and the kinetics of membrane microsolvubilization by apolipoprotein A-I. <i>Biochemistry</i> , 2005 , 44, 10423-33	3.2	56
175	Effect of saturated and polyunsaturated fat diets on the composition and structure of human low density lipoproteins. <i>Atherosclerosis</i> , 1980 , 36, 299-314	3.1	56
174	Somatic genome editing with CRISPR/Cas9 generates and corrects a metabolic disease. <i>Scientific Reports</i> , 2017 , 7, 44624	4.9	54
173	Pathophysiology of dyslipidemia and increased cardiovascular risk in HIV lipodystrophy: a model of systemic steatosis. <i>Current Opinion in Lipidology</i> , 2004 , 15, 59-67	4.4	53
172	Serum lipoprotein structure: resonance energy transfer localization of fluorescent lipid probes. <i>Biochemistry</i> , 1980 , 19, 1294-301	3.2	52
171	Combination of niacin and fenofibrate with lifestyle changes improves dyslipidemia and hypoadiponectinemia in HIV patients on antiretroviral therapy: results of "heart positive," a randomized, controlled trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2236-47	5.6	51
170	Dynamics of dense electronegative low density lipoproteins and their preferential association with lipoprotein phospholipase A(2). <i>Journal of Lipid Research</i> , 2007 , 48, 348-57	6.3	50
169	The calcium uptake of the rat heart sarcoplasmic reticulum is altered by dietary lipid. <i>Journal of Membrane Biology</i> , 1993 , 131, 35-42	2.3	50
168	Lipid binding by fragments of apolipoprotein C-III-1 obtained by thrombin cleavage. <i>Biochemistry</i> , 1977 , 16, 5427-31	3.2	49
167	Effect of moderate alcohol consumption on hypertriglyceridemia: a study in the fasting state. <i>Archives of Internal Medicine</i> , 1999 , 159, 981-7		47
166	Changes in body composition over 8 years in a randomized trial of a lifestyle intervention: the look AHEAD study. <i>Obesity</i> , 2015 , 23, 565-72	8	46
165	Effect of a long-term intensive lifestyle intervention on prevalence of cognitive impairment. <i>Neurology</i> , 2017 , 88, 2026-2035	6.5	45

164	Severely dysregulated disposal of postprandial triacylglycerols exacerbates hypertriacylglycerolemia in HIV lipodystrophy syndrome. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1405-10	7	44
163	Cholesterol is a determinant of the structures of discoidal high density lipoproteins formed by the solubilization of phospholipid membranes by apolipoprotein A-I. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008 , 1781, 245-53	5	42
162	Action of lecithin:cholesterol acyltransferase on model lipoproteins. Preparation and characterization of model nascent high density lipoprotein. <i>Lipids and Lipid Metabolism</i> , 1982 , 713, 494-503		42
161	Somatic Editing of Ldlr With Adeno-Associated Viral-CRISPR Is an Efficient Tool for Atherosclerosis Research. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1997-2006	9.4	41
160	The Effect of Intentional Weight Loss on Fracture Risk in Persons With Diabetes: Results From the Look AHEAD Randomized Clinical Trial. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2278-2287	6.3	41
159	Speciation of human plasma high-density lipoprotein (HDL): HDL stability and apolipoprotein A-I partitioning. <i>Biochemistry</i> , 2007 , 46, 7449-59	3.2	41
158	Comparative specificity of plasma lecithin:cholesterol acyltransferase from ten animal species. <i>Lipids</i> , 1991 , 26, 416-20	1.6	41
157	Structure of human apolipoprotein D: locations of the intermolecular and intramolecular disulfide links. <i>Biochemistry</i> , 1994 , 33, 12451-5	3.2	40
156	Lipoprotein-apoprotein exchange in aqueous systems: relevance to the occurrence of apoA-I and apoC proteins in a common particle. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 85, 408-14	3.4	40
155	Serum opacity factor unmasks human plasma high-density lipoprotein instability via selective delipidation and apolipoprotein A-I desorption. <i>Biochemistry</i> , 2007 , 46, 12968-78	3.2	38
154	Isolation and specificity of rat lecithin: cholesterol acyltransferase: comparison with the human enzyme using reassembled high-density lipoproteins containing ether analogs of phosphatidylcholine. <i>Lipids and Lipid Metabolism</i> , 1985 , 833, 456-62		38
153	Spontaneous phospholipid transfer: development of a quantitative model. <i>Biochemistry</i> , 1991 , 30, 5696-700		37
152	Kinetics of spontaneous and plasma-stimulated sphingomyelin transfer. <i>Lipids and Lipid Metabolism</i> , 1982 , 712, 169-76		37
151	Mechanism of LDL binding and release probed by structure-based mutagenesis of the LDL receptor. <i>Journal of Lipid Research</i> , 2010 , 51, 297-308	6.3	36
150	Lateral distribution of phospholipid and cholesterol in apolipoprotein A-I recombinants. <i>Biochemistry</i> , 1985 , 24, 7110-6	3.2	36
149	Physical properties of lipid-protein complexes formed by the interaction of dimyristoylphosphatidylcholine and human high-density apolipoprotein A-II. <i>Biochemistry</i> , 1981 , 20, 1569-74	3.2	36
148	Electronegative LDLs from familial hypercholesterolemic patients are physicochemically heterogeneous but uniformly proapoptotic. <i>Journal of Lipid Research</i> , 2007 , 48, 177-84	6.3	34
147	Fluorescence assay of the specificity of human plasma and bovine liver phospholipid transfer proteins. <i>Lipids and Lipid Metabolism</i> , 1985 , 835, 124-31		34

146	Apolipoproteins A-I, A-II and E are independently distributed among intracellular and newly secreted HDL of human hepatoma cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 1125-32	5	32
145	Lipoprotein lipase gene mutations, plasma lipid levels, progression/regression of coronary atherosclerosis, response to therapy, and future clinical events. Lipoproteins and Coronary Atherosclerosis Study. <i>Atherosclerosis</i> , 1999 , 144, 435-42	3.1	32
144	Effects of site-directed mutagenesis on the N-glycosylation sites of human lecithin:cholesterol acyltransferase. <i>Biochemistry</i> , 1993 , 32, 8732-6	3.2	32
143	Surface properties of native human plasma lipoproteins and lipoprotein models. <i>Biophysical Journal</i> , 1998 , 74, 869-78	2.9	31
142	ANGPTL4 variants E40K and T266M are associated with lower fasting triglyceride levels in Non-Hispanic White Americans from the Look AHEAD Clinical Trial. <i>BMC Medical Genetics</i> , 2011 , 12, 89	2.1	30
141	Modulation of angiogenic processes in cultured endothelial cells by low density lipoproteins subfractions from patients with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2006 , 186, 448-57	3.1	30
140	AIBP Limits Angiogenesis Through ESecretase-Mediated Upregulation of Notch Signaling. <i>Circulation Research</i> , 2017 , 120, 1727-1739	15.7	29
139	ABCA1-Derived Nascent High-Density Lipoprotein-Apolipoprotein AI and Lipids Metabolically Segregate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 2260-2270	9.4	28
138	Short-term vitamin E supplementation before marathon running: a placebo-controlled trial. <i>Nutrition</i> , 1999 , 15, 278-83	4.8	28
137	The Lipoprotein and Coronary Atherosclerosis Study (LCAS): design, methods, and baseline data of a trial of fluvastatin in patients without severe hypercholesterolemia. <i>Contemporary Clinical Trials</i> , 1996 , 17, 550-83		28
136	In vitro binding of synthetic acylated lipid-associating peptides to high-density lipoproteins: effect of hydrophobicity. <i>Biochemistry</i> , 1984 , 23, 5337-42	3.2	28
135	Structure of triglyceride-rich human low-density lipoproteins according to cryoelectron microscopy. <i>Biochemistry</i> , 2003 , 42, 14988-93	3.2	27
134	Unsaturated aminophospholipids are preferentially retained by the fast skeletal muscle CaATPase during detergent solubilization. Evidence for a specific association between aminophospholipids and the calcium pump protein. <i>Archives of Biochemistry and Biophysics</i> , 1991 , 286, 346-52	4.1	27
133	Apolipoproteins C-I, C-II, and C-III: kinetics of association with model membranes and intermembrane transfer. <i>Biochemistry</i> , 1988 , 27, 4500-5	3.2	27
132	N-(2-Naphthyl)-23,24-dinor-5-chole-22-amin-3beta-ol, a fluorescent cholesterol analogue. <i>Biochemistry</i> , 1978 , 17, 2689-96	3.2	27
131	Roles of cysteines in human lecithin:cholesterol acyltransferase. <i>Biochemistry</i> , 1993 , 32, 3089-94	3.2	26
130	HDL superphospholipidation enhances key steps in reverse cholesterol transport. <i>Atherosclerosis</i> , 2010 , 209, 430-5	3.1	25
129	Remodeling of human plasma lipoproteins by detergent perturbation. <i>Biochemistry</i> , 2005 , 44, 9714-22	3.2	25

128	Structure and conformational analysis of lipid-associating peptides of apolipoprotein B-100 produced by trypsinolysis. <i>The Protein Journal</i> , 1989 , 8, 689-99		25
127	Rethinking reverse cholesterol transport and dysfunctional high-density lipoproteins. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 849-856	4.9	24
126	Speciated human high-density lipoprotein protein proximity profiles. <i>Biochemistry</i> , 2010 , 49, 10656-65	3.2	24
125	Role of oxysterol structure on the microdomain-induced microsolubilization of phospholipid membranes by apolipoprotein A-I. <i>Biochemistry</i> , 2005 , 44, 14376-84	3.2	24
124	A simplified approach to resonance energy transfer in membranes, lipoproteins and spatially restricted systems. <i>Biophysical Chemistry</i> , 1983 , 17, 139-52	3.5	24
123	A review of the unique features of HDL apoproteins. <i>Lipids</i> , 1979 , 14, 428-34	1.6	24
122	Human plasma high density apolipoprotein A-I: effect of protein-protein interactions on the spontaneous formation of a lipid-protein recombinant. <i>Biochemical and Biophysical Research Communications</i> , 1981 , 99, 466-74	3.4	24
121	Mechanism of association of human plasma apolipoproteins with dimyristoylphosphatidylcholine: effect of lipid clusters on reaction rates. <i>Biophysical Journal</i> , 1982 , 37, 177-9	2.9	24
120	Helical amphipathic moment: application to plasma lipoproteins. <i>FEBS Letters</i> , 1983 , 159, 17-23	3.8	23
119	Solvent and substituent effects in aromatic carbonyl compounds: the lowest triplet states of xanthone and xanthone-18O1. <i>Molecular Physics</i> , 1976 , 31, 1393-1406	1.7	23
118	Scavenger receptor B1 (SR-B1) profoundly excludes high density lipoprotein (HDL) apolipoprotein All as it nibbles HDL-cholesteryl ester. <i>Journal of Biological Chemistry</i> , 2017 , 292, 8864-8873	5.4	22
117	Do genetic modifiers of high-density lipoprotein cholesterol and triglyceride levels also modify their response to a lifestyle intervention in the setting of obesity and type-2 diabetes mellitus?: The Action for Health in Diabetes (Look AHEAD) study. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 391-9		22
116	Disruption of human plasma high-density lipoproteins by streptococcal serum opacity factor requires labile apolipoprotein A-I. <i>Biochemistry</i> , 2009 , 48, 1481-7	3.2	22
115	The primary structure of apolipoprotein A-I from rabbit high-density lipoprotein. <i>FEBS Journal</i> , 1986 , 160, 427-31		22
114	Intensive Weight Loss Intervention and Cancer Risk in Adults with Type 2 Diabetes: Analysis of the Look AHEAD Randomized Clinical Trial. <i>Obesity</i> , 2020 , 28, 1678-1686	8	22
113	Impaired lipoprotein processing in HIV patients on antiretroviral therapy: aberrant high-density lipoprotein lipids, stability, and function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1714-21	9.4	21
112	Apolipoprotein E mediates enhanced plasma high-density lipoprotein cholesterol clearance by low-dose streptococcal serum opacity factor via hepatic low-density lipoprotein receptors in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1834-41	9.4	21
111	Origin of the anomalous phosphorescence of aromatic ketones. Xanthone in 3-methylpentane. <i>Chemical Physics Letters</i> , 1973 , 22, 403-405	2.5	21

110	Physical Function Following a Long-Term Lifestyle Intervention Among Middle Aged and Older Adults With Type 2 Diabetes: The Look AHEAD Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1552-1559	6.4	20
109	Detergent-mediated phospholipidation of plasma lipoproteins increases HDL cholesterophilicity and cholesterol efflux via SR-BI. <i>Biochemistry</i> , 2006 , 45, 11514-22	3.2	20
108	Identification of peptides containing tryptophan, tyrosine, and phenylalanine using photodiode-array spectrophotometry. <i>Analytical Biochemistry</i> , 1985 , 145, 67-72	3.1	19
107	Apolipoprotein modulation of streptococcal serum opacity factor activity against human plasma high-density lipoproteins. <i>Biochemistry</i> , 2009 , 48, 8070-6	3.2	18
106	Cardiovascular diseases—major health risk in Asian Indians. <i>Nutrition Research</i> , 2005 , 25, 515-533	4	18
105	Heart positive: design of a randomized controlled clinical trial of intensive lifestyle intervention, niacin and fenofibrate for HIV lipodystrophy/dyslipidemia. <i>Contemporary Clinical Trials</i> , 2006 , 27, 518-30 ^{2.3}		18
104	Hydrolysis of phospholipids by purified milk lipoprotein lipase. Effect of apoprotein CII, CIII, A and E, and synthetic fragments. <i>Clinica Chimica Acta</i> , 2000 , 291, 19-33	6.2	18
103	Effect of pressure on phospholipid translocation in lipid bilayers. <i>Journal of the American Chemical Society</i> , 1987 , 109, 4759-4760	16.4	18
102	Thermodynamics of lipid-protein association and the activation of lecithin:Cholesterol acyltransferase by synthetic model apolipoproteins. <i>Lipids and Lipid Metabolism</i> , 1984 , 793, 149-156		18
101	Spontaneous and plasma factor-mediated transfer of pyrenyl cerebroside between model and native lipoproteins. <i>Lipids and Lipid Metabolism</i> , 1985 , 837, 27-34		18
100	Raman spectroscopy of the thermal properties of reassembled high-density lipoprotein: apolipoprotein A-I complexes of dimyristoylphosphatidylcholine. <i>Biochemistry</i> , 1981 , 20, 656-61	3.2	18
99	Intensive lifestyle modification reduces Lp-PLA2 in dyslipidemic HIV/HAART patients. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1043-50	1.2	17
98	The structure and function of serum opacity factor: a unique streptococcal virulence determinant that targets high-density lipoproteins. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 956071		17
97	Streptococcal serum opacity factor increases the rate of hepatocyte uptake of human plasma high-density lipoprotein cholesterol. <i>Biochemistry</i> , 2010 , 49, 9866-73	3.2	17
96	Cellular transport of nonesterified fatty acids. <i>Journal of Molecular Neuroscience</i> , 2001 , 16, 109-15; discussion 151-7	3.3	17
95	Free radical-induced alterations in endothelial cell function. <i>Journal of Surgical Research</i> , 1994 , 56, 32-6	2.5	17
94	Effects of fluorophore structure and hydrophobicity on the uptake and metabolism of fluorescent lipid analogs. <i>Chemistry and Physics of Lipids</i> , 1991 , 58, 111-9	3.7	17
93	The properties of membranes formed from cyclopentanoid analogues of phosphatidylcholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983 , 731, 373-7	3.8	17

92	(l-pyrenebutyryl)carnitine and 1-pyrenebutyryl coenzyme A: fluorescent probes for lipid metabolite studies in artificial and natural membranes. <i>Biochemistry</i> , 1982 , 21, 2990-6	3.2	17
91	Modest diet-induced weight loss reduces macrophage cholesterol efflux to plasma of patients with metabolic syndrome. <i>Journal of Clinical Lipidology</i> , 2013 , 7, 661-70	4.9	16
90	Molecular basis of fish-eye disease in a patient from Spain. Characterization of a novel mutation in the LCAT gene and lipid analysis of the cornea. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1382-91	9.4	16
89	Altered relationship of plasma triglycerides to HDL cholesterol in patients with HIV/HAART-associated dyslipidemia: further evidence for a unique form of metabolic syndrome in HIV patients. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1014-20	12.7	15
88	Sustained elevations in NEFA induce cyclooxygenase-2 activity and potentiate THP-1 macrophage foam cell formation. <i>Atherosclerosis</i> , 2007 , 192, 49-55	3.1	15
87	Transfer of polycyclic aromatic hydrocarbons between model membranes: relation to carcinogenicity. <i>Chemico-Biological Interactions</i> , 1983 , 44, 237-46	5	15
86	High-density lipoproteins, reverse cholesterol transport and atherogenesis. <i>Nature Reviews Cardiology</i> , 2021 , 18, 712-723	14.8	15
85	Direct Measurement of the Structure of Reconstituted High-Density Lipoproteins by Cryo-EM. <i>Biophysical Journal</i> , 2016 , 110, 810-6	2.9	14
84	Brain uptake and utilization of fatty acids, lipids & lipoproteins: recommendations for future research. <i>Journal of Molecular Neuroscience</i> , 2007 , 33, 146-50	3.3	14
83	Plasma factors affecting the in vitro conversion of high-density lipoproteins labeled with a non-transferable marker. <i>Lipids and Lipid Metabolism</i> , 1995 , 1254, 13-21		14
82	Analysis of the carbohydrate composition of glycoproteins by high-performance liquid chromatography. <i>The Protein Journal</i> , 1990 , 9, 31-5		14
81	Chapter 3 Lipid-protein interactions and lipoprotein reassembly. <i>New Comprehensive Biochemistry</i> , 1987 , 95-127		14
80	THE ELECTRONIC SPECTROSCOPY OF PYRIMIDINES: THE EFFECT OF COVALENTLY BONDED SULFUR ON THE PHOSPHORESCENCE AND ABSORPTION SPECTRA. <i>Photochemistry and Photobiology</i> , 1978 , 27, 625-628	3.6	14
79	High-performance liquid chromatographic analysis of acylated lipids containing pyrene fatty acids. <i>Analytical Biochemistry</i> , 1989 , 178, 166-71	3.1	13
78	Pyrenedodecanoylcarnitine and pyrenedodecanoyl coenzyme A: kinetics and thermodynamics of their intermembrane transfer. <i>Biochemistry</i> , 1984 , 23, 6426-32	3.2	13
77	Mass spectrometric determination of apolipoprotein molecular stoichiometry in reconstituted high density lipoprotein particles. <i>Journal of Lipid Research</i> , 2009 , 50, 1229-36	6.3	12
76	Plasma factors required for human apolipoprotein A-II dimerization. <i>Biochemistry</i> , 2005 , 44, 471-9	3.2	12
75	Native and Reconstituted Plasma Lipoproteins in Nanomedicine: Physicochemical Determinants of Nanoparticle Structure, Stability, and Metabolism. <i>Methodist DeBakey Cardiovascular Journal</i> , 2016 , 12, 146-150	2.1	12

74	New Insights into the High-Density Lipoprotein Dilemma. <i>Trends in Endocrinology and Metabolism</i> , 2016 , 27, 44-53	8.8	11
73	Interaction of alpha-tocopherol with model human high-density lipoproteins. <i>Biophysical Journal</i> , 1998 , 75, 2923-31	2.9	11
72	Thermodynamics of lipid-protein associations: the enthalpy of binding of Apo C-III to synthetic phosphatidylcholines. <i>Canadian Journal of Biochemistry</i> , 1981 , 59, 700-8		11
71	Weight Change 2 Years After Termination of the Intensive Lifestyle Intervention in the Look AHEAD Study. <i>Obesity</i> , 2020 , 28, 893-901	8	10
70	Structural and functional determinants of human plasma phospholipid transfer protein activity as revealed by site-directed mutagenesis of charged amino acids. <i>Biochemistry</i> , 2003 , 42, 4444-51	3.2	10
69	Abnormal interaction of the human apolipoprotein A-I variant [Lys107---0] with high density lipoproteins. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 133, 856-62	3.4	10
68	Thermodynamics of lipid-protein association in human plasma lipoproteins. <i>Biophysical Journal</i> , 1982 , 37, 175-7	2.9	10
67	Solvent and substituent effects in aromatic carbonyl compounds: The triplet state of flavone. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1974 , 30, 953-959		10
66	Synthesis and substituent effects in the nuclear magnetic resonance and mass spectra of dimethyl- and dihaloxanthenes. <i>Journal of Organic Chemistry</i> , 1975 , 40, 2088-2091	4.2	10
65	Revisiting Reverse Cholesterol Transport in the Context of High-Density Lipoprotein Free Cholesterol Bioavailability. <i>Methodist DeBakey Cardiovascular Journal</i> , 2019 , 15, 47-54	2.1	10
64	Serum opacity factor enhances HDL-mediated cholesterol efflux, esterification and anti-inflammatory effects. <i>Lipids</i> , 2010 , 45, 1117-26	1.6	9
63	Mechanism of action of probucol on cholesteryl ester transfer protein (CETP) mRNA in a Chinese hamster ovary cell line that had been stably transfected with a human CETP gene. <i>Lipids and Lipid Metabolism</i> , 1998 , 1393, 153-60		9
62	Equilibrium of apoproteins between high density lipoprotein and the aqueous phase: modelling of in vivo metabolism. <i>Journal of Theoretical Biology</i> , 1985 , 112, 183-92	2.3	9
61	The helical hydrophobic moment avoids prolines in phospholipid-binding proteins. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 139, 202-8	3.4	9
60	Thermodynamics of apolipoprotein-phospholipid association. <i>Methods in Enzymology</i> , 1986 , 128, 403-13	1.7	9
59	Replacing Saturated Fat With Unsaturated Fat in Western Diet Reduces Foamy Monocytes and Atherosclerosis in Male Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 72-85	9.4	9
58	Setting the course for apoAII: a port in sight?. <i>Clinical Lipidology</i> , 2013 , 8, 551-560		8
57	Effects of site-directed mutagenesis on the serine residues of human lecithin:cholesterol acyltransferase. <i>Lipids</i> , 1994 , 29, 803-9	1.6	8

56	Effect of hydrostatic pressure on the transfer of a fluorescent phosphatidylcholine between apolipoprotein-phospholipid recombinants. <i>Journal of the American Chemical Society</i> , 1984 , 106, 3317-3319	16.4	8
55	Internal heavy atom studies on the triplet state of dimethyl- and dihaloxanthones. <i>The Journal of Physical Chemistry</i> , 1976 , 80, 508-511		8
54	Cholesterol determines and limits rHDL formation from human plasma apolipoprotein A-II and phospholipid membranes. <i>Biochemistry</i> , 2012 , 51, 8627-35	3.2	7
53	Free cholesterol determines reassembled high-density lipoprotein phospholipid phase structure and stability. <i>Biochemistry</i> , 2013 , 52, 4324-30	3.2	7
52	Relationship of ethnicity and CD4 Count with glucose metabolism among HIV patients on Highly-Active Antiretroviral Therapy (HAART). <i>BMC Endocrine Disorders</i> , 2013 , 13, 13	3.3	7
51	Role of cysteine residues in human plasma phospholipid transfer protein. <i>The Protein Journal</i> , 1999 , 18, 193-8		7
50	Disulfide linked dimers of apolipoprotein D in urine. <i>Electrophoresis</i> , 1993 , 14, 1086-7	3.6	7
49	Spectroscopic studies of the tyrosine residues of human plasma apolipoprotein A-II. <i>BBA - Proteins and Proteomics</i> , 1989 , 999, 111-20		7
48	Kinetics and mechanism of transfer of synthetic model apolipoproteins. <i>Biochemistry</i> , 1988 , 27, 7881-6	3.2	7
47	Structure and Dynamics of Human Plasma Lipoproteins 1983 , 205-244		7
46	Alcohol: a nutrient with multiple salutary effects. <i>Nutrients</i> , 2015 , 7, 1992-2000	6.7	6
45	Regulation of acyl-coenzyme A:cholesterol acyltransferase (ACAT) synthesis, degradation, and translocation by high-density lipoprotein(2) at a low concentration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2636-42	9.4	6
44	Efficient nuclear delivery of antisense oligodeoxynucleotides and selective inhibition of CETP expression by apo E peptide in a human CETP-stably transfected CHO cell line. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2207-13	9.4	6
43	Kinetics of tryptic hydrolysis as a probe of the structure of human plasma apolipoprotein A-II. <i>BBA - Proteins and Proteomics</i> , 1989 , 999, 121-7		6
42	In vitro transfer of phosphatidylcholines and their ether analogs by a human and rat plasma exchange factor. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 119, 452-7	3.4	6
41	Reversible folding reactions of human apolipoprotein A-I: pressure and guanidinium chloride effects. <i>Lipids and Lipid Metabolism</i> , 1985 , 836, 215-21		6
40	Properties of the products formed by the activity of serum opacity factor against human plasma high-density lipoproteins. <i>Chemistry and Physics of Lipids</i> , 2008 , 156, 45-51	3.7	5
39	N-Glycosylation is required for secretion-competent human plasma phospholipid transfer protein. <i>Protein Journal</i> , 2006 , 25, 167-73	3.9	5

38	Alcohol: lipid metabolism and cardioprotection. <i>Current Atherosclerosis Reports</i> , 2002 , 4, 107-12	6	5
37	Cyclopentanoid analogs of dipalmitoyl phosphatidic acid: effect of backbone geometry on thermotropic properties. <i>Chemistry and Physics of Lipids</i> , 1990 , 55, 231-43	3-7	5
36	Phospholipids Chiral at Phosphorus. 13. Stereochemical Comparison of Phospholipase A2, Lecithin-Cholesterol Acyl Transferase, and Platelet-Activating Factor. <i>Phosphorous and Sulfur and the Related Elements</i> , 1987 , 30, 601-604		5
35	Fluorescent cholesteryl esters in the core of low density lipoprotein. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 105, 674-80	3-4	5
34	Cholesterol: Can [®] Live With It, Can [®] Live Without It. <i>Methodist DeBakey Cardiovascular Journal</i> , 2019 , 15, 9-15	2.1	5
33	Changes in regional body composition over 8 years in a randomized lifestyle trial: The look AHEAD study. <i>Obesity</i> , 2016 , 24, 1899-905	8	5
32	Apolipoprotein AI deficiency inhibits serum opacity factor activity against plasma high density lipoprotein via a stabilization mechanism. <i>Biochemistry</i> , 2015 , 54, 2295-302	3-2	4
31	Commentary on SSO and other putative inhibitors of FA transport across membranes by CD36 disrupt intracellular metabolism, but do not affect fatty acid translocation. <i>Journal of Lipid Research</i> , 2020 , 61, 595-597	6.3	4
30	Streptococcal serum opacity factor promotes cholesterol ester metabolism and bile acid secretion in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 196-204	5	4
29	High-Density Lipoprotein Processing and Premature Cardiovascular Disease. <i>Methodist DeBakey Cardiovascular Journal</i> , 2015 , 11, 181-5	2.1	4
28	History of Cardiovascular Disease, Intensive Lifestyle Intervention, and Cardiovascular Outcomes in the Look AHEAD Trial. <i>Obesity</i> , 2020 , 28, 247-258	8	4
27	Neo High-Density Lipoprotein Produced by the Streptococcal Serum Opacity Factor Activity against Human High-Density Lipoproteins Is Hepatically Removed via Dual Mechanisms. <i>Biochemistry</i> , 2016 , 55, 5845-5853	3-2	4
26	Mechanism of cellular phospholipid efflux. <i>Journal of Surgical Research</i> , 1993 , 55, 548-52	2.5	3
25	THE SPECTROSCOPY AND PHOTOCHEMISTRY OF ENAMINONITRILES INCLUDING THE SYNTHESIS AND IDENTIFICATION OF CIS- β -AMINOACRYLONITRILE. <i>Photochemistry and Photobiology</i> , 1976 , 24, 217-222	3.6	3
24	Within-Trial Cost-Effectiveness of a Structured Lifestyle Intervention in Adults With Overweight/Obesity and Type 2 Diabetes: Results From the Action for Health in Diabetes (Look AHEAD) Study. <i>Diabetes Care</i> , 2021 , 44, 67-74	14.6	3
23	Effects of visceral adipose tissue reduction on CVD risk factors independent of weight loss: The Look AHEAD study. <i>Endocrine Research</i> , 2017 , 42, 86-95	1.9	2
22	Vulnerable Atherosclerotic Plaque Imaging by Small-Molecule High-Affinity Positron Emission Tomography Radiopharmaceutical. <i>Advanced Therapeutics</i> , 2019 , 2, 1900005	4-9	2
21	Dietary Alcohol and Fat Differentially Affect Plasma Cholesteryl Ester Transfer Activity and Triglycerides in Normo- and Hypertriglyceridemic Subjects. <i>Lipids</i> , 2020 , 55, 299-307	1.6	2

20	Physical aspects of fatty acid transport between and through biological membranes. <i>Advances in Molecular and Cell Biology</i> , 2003 , 33, 153-172		2
19	Photo-oxidation in the synthesis of 17O and 18O labelled compounds: Synthesis of xanthone-18O1. <i>Journal of Labelled Compounds</i> , 1974 , 10, 413-417		2
18	Association Between Change in Accelerometer-Measured and Self-Reported Physical Activity and Cardiovascular Disease in the Look AHEAD Trial.. <i>Diabetes Care</i> , 2022 ,	14.6	2
17	Highly conserved amino acid residues in apolipoprotein A1 discordantly induce high density lipoprotein assembly in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158794	5	2
16	Impurity phosphorescence in methylene anthrone. <i>Journal of Chemical Physics</i> , 1973 , 58, 3116	3.9	1
15	A Metabolic Model for the Hypolipidemic and Antiatherogenic Effects of N-3 Fatty Acids: Effect of Omacor on Plasma Lipids. <i>Medical Science Symposia Series</i> , 1996 , 675-680		1
14	Human Plasma Lipoprotein Metabolism 2009 , 1-10		1
13	High Free Cholesterol Bioavailability Drives the Tissue Pathologies in Scarb1 Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, e453-e467	9.4	1
12	Control of spontaneous lipid and protein transport. <i>Advances in Experimental Medicine and Biology</i> , 1988 , 243, 173-7	3.6	1
11	Physico-chemical and physiological determinants of lipo-nanoparticle stability. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 33, 102361	6	0
10	Free Cholesterol Bioavailability and Atherosclerosis.. <i>Current Atherosclerosis Reports</i> , 2022 , 1	6	0
9	Structural Stability of Streptococcal Serum Opacity Factor. <i>Protein Journal</i> , 2017 , 36, 196-201	3.9	
8	Prevention and Treatment of Atherosclerotic Vascular Disease: Hypolipidemic Agents 2015 , 589-611		
7	High-Density Lipoprotein Therapies Then and Now 2015 , 545-555		
6	Plasma Lipoproteins: Fluorescence as a Probe of Structure and Dynamics 1983 , 163-202		
5	Dyslipidemia, Diabetes, and Cell Adhesion Molecules. <i>Medical Science Symposia Series</i> , 1998 , 191-198		
4	The role of hydrophobicity in the structure of the human plasma lipoproteins. <i>Advances in Experimental Medicine and Biology</i> , 1985 , 183, 85-97	3.6	
3	Primary Structure of Rabbit Apolipoprotein A-I High Performance Liquid Chromatography, PTC-Amino Acid Analysis, and Microsequencing 1986 , 320-339		

- 2 Acylation of lysine residues in human plasma high density lipoprotein increases stability and plasma clearance in vivo. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2016**, 1861, 1787-1795
- 1 Poloxamer 407 Induces Hypertriglyceridemia but Decreases Atherosclerosis in Ldlr^{-/-} Mice. *Cells*, **2022**, 11, 1795 79