Henry J Pownall

List of Publications by Year
in descending order

224	12,485	31902	29081
papers	citations	53 h-index	104 g-index

230	230	230	11768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiovascular Effects of Intensive Lifestyle Intervention in Type 2 Diabetes. New England Journal of Medicine, 2013, 369, 145-154.	13.9	2,294
2	Association of an Intensive Lifestyle Intervention With Remission of Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2012, 308, 2489.	3.8	571
3	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. Lancet Diabetes and Endocrinology,the, 2016, 4, 913-921.	5.5	473
4	[1] Introduction to the plasma lipoproteins. Methods in Enzymology, 1986, 128, 3-41.	0.4	313
5	Levels of Soluble Cell Adhesion Molecules in Patients With Dyslipidemia. Circulation, 1996, 93, 1334-1338.	1.6	256
6	Effects of sirolimus on plasma lipids, lipoprotein levels, and fatty acid metabolism in renal transplant patients. Journal of Lipid Research, 2002, 43, 1170-1180.	2.0	253
7	Kinetics of lipid-protein interactions: interaction of apolipoprotein A-I from human plasma high density lipoproteins with phosphatidylcholines. Biochemistry, 1978, 17, 1183-1188.	1.2	226
8	Transbilayer diffusion of phospholipids: dependence on headgroup structure and acyl chain length. Biochimica Et Biophysica Acta - Biomembranes, 1988, 938, 155-166.	1.4	215
9	Choline Deficiency Causes Reversible Hepatic Abnormalities in Patients Receiving Parenteral Nutrition: Proof of a Human Choline Requirement: A Placeboâ€Controlled Trial. Journal of Parenteral and Enteral Nutrition, 2001, 25, 260-268.	1.3	203
10	Mechanism and kinetics of transfer of a fluorescent fatty acid between single-walled phosphatidylcholine vesicles. Biochemistry, 1980, 19, 108-116.	1.2	198
11	Soluble Cell Adhesion Molecules in Hypertriglyceridemia and Potential Significance on Monocyte Adhesion. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 723-731.	1.1	196
12	Impact of Intensive Lifestyle Intervention on Depression and Health-Related Quality of Life in Type 2 Diabetes: The Look AHEAD Trial. Diabetes Care, 2014, 37, 1544-1553.	4.3	178
13	Hyperhomocysteinemia accelerates atherosclerosis in cystathionine Î²-synthase and apolipoprotein E double knock-out mice with and without dietary perturbation. Blood, 2003, 101, 3901-3907.	0.6	172
14	Troglitazone Antagonizes Tumor Necrosis Factor-Î±-induced Reprogramming of Adipocyte Gene Expression by Inhibiting the Transcriptional Regulatory Functions of NF-ÎºB. Journal of Biological Chemistry, 2003, 278, 28181-28192.	1.6	168
15	Correlation of serum triglyceride and its reduction by Ï‰-3 fatty acids with lipid transfer activity and the neutral lipid compositions of high-density and low-density lipoproteins. Atherosclerosis, 1999, 143, 285-297.	0.4	161
16	Low-Density Lipoprotein in Hypercholesterolemic Human Plasma Induces Vascular Endothelial Cell Apoptosis by Inhibiting Fibroblast Growth Factor 2 Transcription. Circulation, 2003, 107, 2102-2108.	1.6	147
17	Viscosity of the hydrocarbon region of micelles. Measurement by excimer fluorescence. Journal of the American Chemical Society, 1973, 95, 3136-3140.	6.6	144
18	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. Diabetes Care, 2014, 37, 2548-2556.	4.3	144

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19	Estrogen: An Emerging Regulator of Insulin Action and Mitochondrial Function. Journal of Diabetes Research, 2015, 2015, 1-9.	1.0	134
20	Phase transitions in bilamellar vesicles. Measurements by pyrene excimer fluorescence and effect on transacylation by lecithin-cholesterol acyltransferase. Biochemistry, 1974, 13, 2828-2836.	1.2	127
21	Structural basis of transfer between lipoproteins by cholesteryl ester transfer protein. Nature Chemical Biology, 2012, 8, 342-349.	3.9	123
22	Metabolic basis of HIV-lipodystrophy syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E332-E337.	1.8	119
23	Kinetics and mechanism of the spontaneous transfer of fluorescent phosphatidylcholines between apolipoprotein-phospholipid recombinants. Biochemistry, 1982, 21, 3630-3636.	1.2	116
24	EFFECT OF SIROLIMUS ON THE METABOLISM OF ApoB100- CONTAINING LIPOPROTEINS IN RENAL TRANSPLANT PATIENTS1. Transplantation, 2001, 72, 1244-1250.	0.5	114
25	Kinetics of lipid-protein interactions: effect of cholesterol on the association of human plasma high-density apolipoprotein A-I with L-.alpha.-dimyristoylphosphatidylcholine. Biochemistry, 1979, 18, 574-579.	1.2	112
26	Molecular and Macromolecular Specificity of Human Plasma Phospholipid Transfer Proteinâ€. Biochemistry, 1997, 36, 3645-3653.	1.2	109
27	Reconstituted low density lipoprotein: A vehicle for the delivery of hydrophobic fluorescent probes to cells. Journal of Supramolecular Structure, 1979, 10, 467-478.	2.3	104
28	Interaction of vitamin E with saturated phospholipid bilayers. Biochemical and Biophysical Research Communications, 1982, 106, 842-847.	1.0	104
29	Morphology and structure of lipoproteins revealed by an optimized negative-staining protocol of electron microscopy. Journal of Lipid Research, 2011, 52, 175-184.	2.0	101
30	Isolation, Characterization, and Functional Assessment of Oxidatively Modified Subfractions of Circulating Low-Density Lipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1083-1090.	1.1	98
31	Shear-induced Disulfide Bond Formation Regulates Adhesion Activity of von Willebrand Factor. Journal of Biological Chemistry, 2007, 282, 35604-35611.	1.6	97
32	Transport of biological lipophiles: effect of lipophile structure. Journal of the American Chemical Society, 1983, 105, 2440-2445.	6.6	96
33	Measurement and prediction of the rates of spontaneous transfer of phospholipids between plasma lipoproteins. Lipids and Lipid Metabolism, 1984, 794, 274-280.	2.6	92
34	Absorption and emission spectra of aromatic ketones and their medium dependence. Excited states of xanthone. Journal of the American Chemical Society, 1971, 93, 6429-6436.	6.6	91
35	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. Diabetes Care, 2016, 39, 1345-1355.	4.3	91
36	High-density lipoproteins, reverse cholesterol transport and atherogenesis. Nature Reviews Cardiology, 2021, 18, 712-723.	6.1	91

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37	Somatic genome editing with CRISPR/Cas9 generates and corrects a metabolic disease. Scientific Reports, 2017, 7, 44624.	1.6	76
38	Thermodynamics of lipid-protein interactions: interaction of apolipoprotein A-II from human plasma high-density lipoproteins with dimyristoylphosphatidylcholine. Biochemistry, 1981, 20, 1575-1584.	1.2	72
39	Kinetics and mechanism of association of human plasma apolipoproteins with dimyristoylphosphatidylcholine: effect of protein structure and lipid clusters in reaction rates. Biochemistry, 1981, 20, 6630-6635.	1.2	66
40	Interfacial properties of model membranes and plasma lipoproteins containing ether lipids. Biochemistry, 1985, 24, 6973-6978.	1.2	65
41	Model of human low-density lipoprotein and bound receptor based on CryoEM. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1059-1064.	3.3	65
42	Pathophysiology of dyslipidemia and increased cardiovascular risk in HIV lipodystrophy: a model of â€˜systemic steatosisâ€™. Current Opinion in Lipidology, 2004, 15, 59-67.	1.2	64
43	The Polar Nature of 7-Ketocholesterol Determines Its Location within Membrane Domains and the Kinetics of Membrane Microsolubilization by Apolipoprotein A-I. Biochemistry, 2005, 44, 10423-10433.	1.2	64
44	Structures of Biologically Active Oxysterols Determine Their Differential Effects on Phospholipid Membranes. Biochemistry, 2006, 45, 10747-10758.	1.2	64
45	Effect of saturated and polyunsaturated fat diets on the composition and structure of human low density lipoproteins. Atherosclerosis, 1980, 36, 299-314.	0.4	63
46	Somatic Editing of Ldlr With Adeno-Associated Viral-CRISPR Is an Efficient Tool for Atherosclerosis Research. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1997-2006.	1.1	63
47	Pyrene-labeled lipids: versatile probes of membrane dynamics in vitro and in living cells. Chemistry and Physics of Lipids, 1989, 50, 191-211.	1.5	62
48	The calcium uptake of the rat heart sarcoplasmic reticulum is altered by dietary lipid. Journal of Membrane Biology, 1993, 131, 35-42.	1.0	60
49	Serum lipoprotein structure: resonance energy transfer localization of fluorescent lipid probes. Biochemistry, 1980, 19, 1294-1301.	1.2	59
50	Effect of a long-term intensive lifestyle intervention on prevalence of cognitive impairment. Neurology, 2017, 88, 2026-2035.	1.5	59
51	Effect of Moderate Alcohol Consumption on Hypertriglyceridemia. Archives of Internal Medicine, 1999, 159, 981.	4.3	58
52	The Effect of Intentional Weight Loss on Fracture Risk in Persons With Diabetes: Results From the Look AHEAD Randomized Clinical Trial. Journal of Bone and Mineral Research, 2017, 32, 2278-2287.	3.1	57
53	Changes in body composition over 8 years in a randomized trial of a lifestyle intervention: The look AHEAD study. Obesity, 2015, 23, 565-572.	1.5	55
54	Lipid binding by fragments of apolipoprotein C-III-1 obtained by thrombin cleavage. Biochemistry, 1977, 16, 5427-5431.	1.2	54

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55	Dynamics of dense electronegative low density lipoproteins and their preferential association with lipoprotein phospholipase A2. Journal of Lipid Research, 2007, 48, 348-357.	2.0	54
56	Combination of Niacin and Fenofibrate with Lifestyle Changes Improves Dyslipidemia and Hypoadiponectinemia in HIV Patients on Antiretroviral Therapy: Results of â€œHeart Positive,â€•a Randomized, Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2236-2247.	1.8	53
57	Severely dysregulated disposal of postprandial triacylglycerols exacerbates hypertriacylglycerolemia in HIV lipodystrophy syndrome. American Journal of Clinical Nutrition, 2005, 81, 1405-1410.	2.2	49
58	AIBP Limits Angiogenesis Through Î³-Secretase-Mediated Upregulation of Notch Signaling. Circulation Research, 2017, 120, 1727-1739.	2.0	49
59	Cholesterol is a determinant of the structures of discoidal high density lipoproteins formed by the solubilization of phospholipid membranes by apolipoprotein A-I. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 245-253.	1.2	48
60	Intensive Weight Loss Intervention and Cancer Risk in Adults with Type 2 Diabetes: Analysis of the Look AHEAD Randomized Clinical Trial. Obesity, 2020, 28, 1678-1686.	1.5	47
61	Speciation of Human Plasma High-Density Lipoprotein (HDL):â€‰ HDL Stability and Apolipoprotein A-I Partitioning. Biochemistry, 2007, 46, 7449-7459.	1.2	45
62	Action of lecithin:Cholesterol acyltransferase on model lipoproteins. Lipids and Lipid Metabolism, 1982, 713, 494-503.	2.6	44
63	Comparative specificity of plasma lecithin: Cholesterol acyltransferase from ten animal species. Lipids, 1991, 26, 416-420.	0.7	43
64	Structure of Human Apolipoprotein D: Locations of the Intermolecular and Intramolecular Disulfide Links. Biochemistry, 1994, 33, 12451-12455.	1.2	43
65	Lipoprotein-apoprotein exchange in aqueous systems: Relevance to the occurrence of APOA-I and APOC proteins in a common particle. Biochemical and Biophysical Research Communications, 1978, 85, 408-414.	1.0	42
66	Spontaneous phospholipid transfer: development of a quantitative model. Biochemistry, 1991, 30, 5696-5700.	1.2	42
67	Mechanism of LDL binding and release probed by structure-based mutagenesis of the LDL receptor. Journal of Lipid Research, 2010, 51, 297-308.	2.0	42
68	Kinetics of spontaneous and plasma-stimulated sphingomyelin transfer. Lipids and Lipid Metabolism, 1982, 712, 169-176.	2.6	41
69	Serum Opacity Factor Unmasks Human Plasma High-Density Lipoprotein Instability via Selective Delipidation and Apolipoprotein A-I Desorption. Biochemistry, 2007, 46, 12968-12978.	1.2	41
70	Isolation and specificity of rat lecithin : Cholesterol acyltransferase: Comparison with the human enzyme using reassembled high-density lipoproteins containing ether analogs of phosphatidylcholine. Lipids and Lipid Metabolism, 1985, 833, 456-462.	2.6	40
71	Physical properties of lipid-protein complexes formed by the interaction of dimyristoylphosphatidylcholine and human high-density apolipoprotein A-II. Biochemistry, 1981, 20, 1569-1574.	1.2	39
72	Electronegative LDLs from familial hypercholesterolemic patients are physicochemically heterogeneous but uniformly proapoptotic. Journal of Lipid Research, 2007, 48, 177-184.	2.0	39

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73	Physical Function Following a Long-Term Lifestyle Intervention Among Middle Aged and Older Adults With Type 2 Diabetes: The Look AHEAD Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1552-1559.	1.7	39
74	Lateral distribution of phospholipid and cholesterol in apolipoprotein A-I recombinants. Biochemistry, 1985, 24, 7110-7116.	1.2	38
75	Fluorescence assay of the specificity of human plasma and bovine liver phospholipid transfer proteins. Lipids and Lipid Metabolism, 1985, 835, 124-131.	2.6	38
76	The unique role of apolipoprotein A-I in HDL remodeling and metabolism. Current Opinion in Lipidology, 2006, 17, 209-213.	1.2	38
77	Apolipoproteins A-I, A-II and E are independently distributed among intracellular and newly secreted HDL of human hepatoma cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 1125-1132.	1.2	36
78	Effects of site-directed mutagenesis on the N-glycosylation sites of human lecithin:cholesterol acyltransferase. Biochemistry, 1993, 32, 8732-8736.	1.2	35
79	Lipoprotein lipase gene mutations, plasma lipid levels, progression/regression of coronary atherosclerosis, response to therapy, and future clinical events. Atherosclerosis, 1999, 144, 435-442.	0.4	35
80	Scavenger receptor B1 (SR-B1) profoundly excludes high density lipoprotein (HDL) apolipoprotein AII as it nibbles HDL-cholesteryl ester. Journal of Biological Chemistry, 2017, 292, 8864-8873.	1.6	35
81	Modulation of angiogenic processes in cultured endothelial cells by low density lipoproteins subfractions from patients with familial hypercholesterolemia. Atherosclerosis, 2006, 186, 448-457.	0.4	34
82	ABCA1-Derived Nascent High-Density Lipoproteinâ€“Apolipoprotein AI and Lipids Metabolically SegregateHighlights. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2260-2270.	1.1	34
83	Rethinking reverse cholesterol transport and dysfunctional high-density lipoproteins. Journal of Clinical Lipidology, 2018, 12, 849-856.	0.6	34
84	Short-term vitamin E supplementation before marathon running: a placebo-controlled trial. Nutrition, 1999, 15, 278-283.	1.1	33
85	HDL superphospholipidation enhances key steps in reverse cholesterol transport. Atherosclerosis, 2010, 209, 430-435.	0.4	33
86	Surface Properties of Native Human Plasma Lipoproteins and Lipoprotein Models. Biophysical Journal, 1998, 74, 869-878.	0.2	32
87	N-(2-Naphthyl)-23,24-dinor-5-cholen-22-amin-3Î²-ol, a fluorescent cholesterol analog. Biochemistry, 1978, 17, 2689-2696.	1.2	31
88	Unsaturated aminophospholipids are preferentially retained by the fast skeletal muscle CaATPase during detergent solubilization. Archives of Biochemistry and Biophysics, 1991, 286, 346-352.	1.4	31
89	The Lipoprotein and Coronary Atherosclerosis Study (LCAS): Design, methods, and baseline data of a trial of fluvastatin in patients without severe hypercholesterolemia. Contemporary Clinical Trials, 1996, 17, 550-583.	2.0	31
90	ANGPTL4 variants E40K and T266M are associated with lower fasting triglyceride levels in Non-Hispanic White Americans from the Look AHEAD Clinical Trial. BMC Medical Genetics, 2011, 12, 89.	2.1	31

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91	Structure of Triglyceride-Rich Human Low-Density Lipoproteins According to Cryoelectron Microscopy. Biochemistry, 2003, 42, 14988-14993.	1.2	30
92	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?. Circulation: Cardiovascular Genetics, 2013, 6, 391-399.	5.1	30
93	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. Metabolism: Clinical and Experimental, 2013, 62, 1014-1020.	1.5	29
94	Helical amphipathic moment: application to plasma lipoproteins. FEBS Letters, 1983, 159, 17-23.	1.3	28
95	In vitro binding of synthetic acylated lipid-associating peptides to high-density lipoproteins: effect of hydrophobicity. Biochemistry, 1984, 23, 5337-5342.	1.2	28
96	Apolipoproteins C-I, C-II, and C-III: kinetics of association with model membranes and intermembrane transfer. Biochemistry, 1988, 27, 4500-4505.	1.2	28
97	Mechanism of Association of Human Plasma Apolipoproteins with Dimyristoylphosphatidylcholine. Biophysical Journal, 1982, 37, 177-179.	0.2	27
98	The Structure and Function of Serum Opacity Factor: A Unique Streptococcal Virulence Determinant That Targets High-Density Lipoproteins. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-16.	3.0	27
99	Human plasma high density apolipoprotein A-I: Effect of protein-protein interactions on the spontaneous formation of a lipid-protein recombinant. Biochemical and Biophysical Research Communications, 1981, 99, 466-474.	1.0	26
100	A simplified approach to resonance energy transfer in membranes, lipoproteins and spatially restricted systems. Biophysical Chemistry, 1983, 17, 139-152.	1.5	26
101	Roles of cysteines in human lecithin:cholesterol acyltransferase. Biochemistry, 1993, 32, 3089-3094.	1.2	26
102	Remodeling of Human Plasma Lipoproteins by Detergent Perturbation. Biochemistry, 2005, 44, 9714-9722.	1.2	26
103	Solvent and substituent effects in aromatic carbonyl compounds: the lowest triplet states of xanthone and xanthone-18O1. Molecular Physics, 1976, 31, 1393-1406.	0.8	25
104	A review of the unique features of HDL apoproteins. Lipids, 1979, 14, 428-434.	0.7	25
105	Structure and conformational analysis of lipid-associating peptides of apolipoprotein B-100 produced by trypsinolysis. The Protein Journal, 1989, 8, 689-699.	1.1	25
106	Role of Oxysterol Structure on the Microdomain-Induced Microsolubilization of Phospholipid Membranes by Apolipoprotein A-Iâ€. Biochemistry, 2005, 44, 14376-14384.	1.2	25
107	Speciated Human High-Density Lipoprotein Protein Proximity Profiles. Biochemistry, 2010, 49, 10656-10665.	1.2	25
108	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. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1834-1841.	1.1	25

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109	Detergent-Mediated Phospholipidation of Plasma Lipoproteins Increases HDL Cholesterophilicity and Cholesterol Efflux via SR-BIâ€. Biochemistry, 2006, 45, 11514-11522.	1.2	24
110	Weight Change 2 Years After Termination of the Intensive Lifestyle Intervention in the Look AHEAD Study. Obesity, 2020, 28, 893-901.	1.5	24
111	Raman spectroscopy of the thermal properties of reassembled high-density lipoprotein: apolipoprotein A-I complexes of dimyristoylphosphatidylcholine. Biochemistry, 1981, 20, 656-661.	1.2	23
112	Identification of peptides containing tryptophan, tyrosine, and phenylalanine using photodiode-array spectrophotometry. Analytical Biochemistry, 1985, 145, 67-72.	1.1	23
113	Effect of pressure on phospholipid translocation in lipid bilayers. Journal of the American Chemical Society, 1987, 109, 4759-4760.	6.6	23
114	Impaired Lipoprotein Processing in HIV Patients on Antiretroviral Therapy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1714-1721.	1.1	23
115	The primary structure of apolipoprotein A-I from rabbit high-density lipoprotein. FEBS Journal, 1986, 160, 427-431.	0.2	22
116	Disruption of Human Plasma High-Density Lipoproteins by Streptococcal Serum Opacity Factor Requires Labile Apolipoprotein A-I. Biochemistry, 2009, 48, 1481-1487.	1.2	22
117	Origin of the anomalous phosphorescence of aromatic ketones. Xanthone in 3-methylpentane. Chemical Physics Letters, 1973, 22, 403-405.	1.2	21
118	(1-Pyrenebutyryl)carnitine and 1-pyrenebutyryl coenzyme A: fluorescent probes for lipid metabolite studies in artificial and natural membranes. Biochemistry, 1982, 21, 2990-2996.	1.2	21
119	Hydrolysis of phospholipids by purified milk lipoprotein lipase. Clinica Chimica Acta, 2000, 291, 19-33.	0.5	21
120	Intensive Lifestyle Modification Reduces Lp-PLA2 in Dyslipidemic HIV/HAART Patients. Medicine and Science in Sports and Exercise, 2013, 45, 1043-1050.	0.2	21
121	Replacing Saturated Fat With Unsaturated Fat in Western Diet Reduces Foamy Monocytes and Atherosclerosis in Male Ldlr ^{â€“/â€“} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 72-85.	1.1	20
122	Spontaneous and plasma factor-mediated transfer of pyrenyl cerebrosides between model and native lipoproteins. Lipids and Lipid Metabolism, 1985, 837, 27-34.	2.6	19
123	Sustained elevations in NEFA induce cyclooxygenase-2 activity and potentiate THP-1 macrophage foam cell formation. Atherosclerosis, 2007, 192, 49-55.	0.4	19
124	Modest diet-induced weight loss reduces macrophage cholesterol efflux to plasma of patients with metabolic syndrome. Journal of Clinical Lipidology, 2013, 7, 661-670.	0.6	19
125	Synthesis and substituent effects in the nuclear magnetic resonance and mass spectra of dimethyl- and dihaloxanthones. Journal of Organic Chemistry, 1975, 40, 2088-2091.	1.7	18
126	THE ELECTRONIC SPECTROSCOPY OF PYRIMIDINES: THE EFFECT OF COVALENTLY BONDED SULFUR ON THE PHOSPHORESCENCE AND ABSORPTION SPECTRA. Photochemistry and Photobiology, 1978, 27, 625-628.	1.3	18

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127	The properties of membranes formed from cyclopentanoid analogues of phosphatidylcholine. Biochimica Et Biophysica Acta - Biomembranes, 1983, 731, 373-377.	1.4	18
128	Thermodynamics of lipid-protein association and the activation of lecithin:Cholesterol acyltransferase by synthetic model apolipopeptides. Lipids and Lipid Metabolism, 1984, 793, 149-156.	2.6	18
129	Effects of fluorophore structure and hydrophobicity on the uptake and metabolism of fluorescent lipid analogs. Chemistry and Physics of Lipids, 1991, 58, 111-119.	1.5	18
130	Free Radical-Induced Alterations in Endothelial Cell Function. Journal of Surgical Research, 1994, 56, 32-36.	0.8	18
131	Cellular Transport of Nonesterified Fatty Acids. Journal of Molecular Neuroscience, 2001, 16, 109-116.	1.1	18
132	Cardiovascular diseasesâ€”a major health risk in Asian Indians. Nutrition Research, 2005, 25, 515-533.	1.3	18
133	Heart positive: Design of a randomized controlled clinical trial of intensive lifestyle intervention, niacin and fenofibrate for HIV lipodystrophy/dyslipidemia. Contemporary Clinical Trials, 2006, 27, 518-530.	0.8	18
134	Apolipoprotein Modulation of Streptococcal Serum Opacity Factor Activity against Human Plasma High-Density Lipoproteins. Biochemistry, 2009, 48, 8070-8076.	1.2	18
135	Streptococcal Serum Opacity Factor Increases the Rate of Hepatocyte Uptake of Human Plasma High-Density Lipoprotein Cholesterol. Biochemistry, 2010, 49, 9866-9873.	1.2	18
136	Commentary on Fatty Acid Wars. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, e8-9.	1.1	18
137	Molecular Basis of Fish-Eye Disease in a Patient From Spain. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 1382-1391.	1.1	18
138	Revisiting Reverse Cholesterol Transport in the Context of High-Density Lipoprotein Free Cholesterol Bioavailability. Methodist DeBakey Cardiovascular Journal, 2021, 15, 47.	0.5	18
139	Transfer of polycyclic aromatic hydrocarbons between model membranes: Relation to carcinogenicity. Chemico-Biological Interactions, 1983, 44, 237-246.	1.7	17
140	Enhancing reverse cholesterol transport: the case for phosphatidylcholine therapy. Current Opinion in Lipidology, 2005, 16, 265-268.	1.2	17
141	Pyrenedodecanoylcarnitine and pyrenedodecanoyl coenzyme A: kinetics and thermodynamics of their intermembrane transfer. Biochemistry, 1984, 23, 6426-6432.	1.2	15
142	Brain Uptake and Utilization of Fatty Acids, Lipids & Lipoproteins: Recommendations for Future Research. Journal of Molecular Neuroscience, 2007, 33, 146-150.	1.1	15
143	New Insights into the High-Density Lipoprotein Dilemma. Trends in Endocrinology and Metabolism, 2016, 27, 44-53.	3.1	15
144	Direct Measurement of the Structure of Reconstituted High-Density Lipoproteins by Cryo-EM. Biophysical Journal, 2016, 110, 810-816.	0.2	15

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145	Chapter 3 Lipid-protein interactions and lipoprotein reassembly. New Comprehensive Biochemistry, 1987, , 95-127.	0.1	14
146	Analysis of the carbohydrate composition of glycoproteins by high-performance liquid chromatography. The Protein Journal, 1990, 9, 31-35.	1.1	14
147	Plasma factors affecting the in vitro conversion of high-density lipoproteins labeled with a non-transferable marker. Lipids and Lipid Metabolism, 1995, 1254, 13-21.	2.6	14
148	High-performance liquid chromatographic analysis of acylated lipids containing pyrene fatty acids. Analytical Biochemistry, 1989, 178, 166-171.	1.1	13
149	Interaction of Î±-Tocopherol with Model Human High-Density Lipoproteins. Biophysical Journal, 1998, 75, 2923-2931.	0.2	13
150	Mass spectrometric determination of apolipoprotein molecular stoichiometry in reconstituted high density lipoprotein particles. Journal of Lipid Research, 2009, 50, 1229-1236.	2.0	13
151	Native and Reconstituted Plasma Lipoproteins in Nanomedicine: Physicochemical Determinants of Nanoparticle Structure, Stability, and Metabolism. Methodist DeBakey Cardiovascular Journal, 2021, 12, 146.	0.5	13
152	Abnormal interaction of the human apolipoprotein A-I variant [Lys107âţ'0] with high density lipoproteins. Biochemical and Biophysical Research Communications, 1985, 133, 856-862.	1.0	12
153	Plasma Factors Required for Human Apolipoprotein A-II Dimerization. Biochemistry, 2005, 44, 471-479.	1.2	12
154	Thermodynamics of lipidâ€“proiein associations: the enthalpy of binding of Apo C-III to synthetic phosphatidylcholines. Canadian Journal of Biochemistry, 1981, 59, 700-708.	1.4	11
155	Serum Opacity Factor Enhances HDLâ€Mediated Cholesterol Efflux, Esterification and Anti Inflammatory Effects. Lipids, 2010, 45, 1117-1126.	0.7	11
156	Solvent and substituent effects in aromatic carbonyl compounds: The triplet state of flavone. Spectrochimica Acta Part A: Molecular Spectroscopy, 1974, 30, 953-959.	0.1	10
157	Thermodynamics of Lipid-Protein Association in Human Plasma Lipoproteins. Biophysical Journal, 1982, 37, 175-177.	0.2	10
158	Structural and Functional Determinants of Human Plasma Phospholipid Transfer Protein Activity As Revealed by Site-Directed Mutagenesis of Charged Amino Acids. Biochemistry, 2003, 42, 4444-4451.	1.2	10
159	Setting the course for apoAII: a port in sight?. Clinical Lipidology, 2013, 8, 551-560.	0.4	10
160	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. Diabetes Care, 2021, 44, 67-74.	4.3	10
161	Structure and Dynamics of Human Plasma Lipoproteins. , 1983, , 205-244.		10
162	Association Between Change in Accelerometer-Measured and Self-Reported Physical Activity and Cardiovascular Disease in the Look AHEAD Trial. Diabetes Care, 2022, 45, 742-749.	4.3	10

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163	Free Cholesterol Bioavailability and Atherosclerosis. Current Atherosclerosis Reports, 2022, 24, 323-336.	2.0	10
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