

Kathleen M Botham

List of Publications by Year in Descending Order

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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.

109
papers

1,820
citations

25
h-index

35
g-index

110
ext. papers

1,927
ext. citations

4.6
avg, IF

4.3
L-index

#	Paper	IF	Citations
109	Endothelial HO-1 induction by model TG-rich lipoproteins is regulated through a NOX4-Nrf2 pathway. <i>Journal of Lipid Research</i> , 2016 , 57, 1204-18	6.3	3
108	The Emerging Role of Disturbed CoQ Metabolism in Nonalcoholic Fatty Liver Disease Development and Progression. <i>Nutrients</i> , 2015 , 7, 9834-46	6.7	9
107	Postprandial phase time influences the uptake of TAG from postprandial TAG-rich lipoproteins by THP-1 macrophages. <i>British Journal of Nutrition</i> , 2014 , 112, 1469-77	3.6	4
106	Role of macrophage activation in the lipid metabolism of postprandial triacylglycerol-rich lipoproteins. <i>Experimental Biology and Medicine</i> , 2013 , 238, 98-110	3.7	7
105	Postprandial lipoproteins and the molecular regulation of vascular homeostasis. <i>Progress in Lipid Research</i> , 2013 , 52, 446-64	14.3	91
104	Postprandial human triglyceride-rich lipoproteins increase chemoattractant protein secretion in human macrophages. <i>Cytokine</i> , 2013 , 63, 18-26	4	5
103	Olive Oil as a Functional Food: Nutritional and Health Benefits 2013 , 677-714		12
102	Coenzyme Q metabolism is disturbed in high fat diet-induced non-alcoholic fatty liver disease in rats. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 1644-57	6.3	12
101	The oxidative state of chylomicron remnants influences their modulation of human monocyte activation. <i>International Journal of Vascular Medicine</i> , 2012 , 2012, 942512	1.2	4
100	Understanding postprandial inflammation and its relationship to lifestyle behaviour and metabolic diseases. <i>International Journal of Vascular Medicine</i> , 2012 , 2012, 947417	1.2	59
99	Novel Aspects of Nonfasting Lipemia in relation to Vascular Biology. <i>International Journal of Vascular Medicine</i> , 2012 , 2012, 419015	1.2	4
98	Inhibition of macrophage inflammatory cytokine secretion by chylomicron remnants is dependent on their uptake by the low density lipoprotein receptor. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011 , 1811, 209-20	5	6
97	Vascular endothelial growth factor receptor-2 couples cyclo-oxygenase-2 with pro-angiogenic actions of leptin on human endothelial cells. <i>PLoS ONE</i> , 2011 , 6, e18823	3.7	74
96	High fat diet-induced non alcoholic fatty liver disease in rats is associated with hyperhomocysteinemia caused by down regulation of the transsulphuration pathway. <i>Lipids in Health and Disease</i> , 2011 , 10, 60	4.4	58
95	Endothelial cells as targets for chylomicron remnants. <i>Atherosclerosis Supplements</i> , 2010 , 11, 31-7	1.7	10
94	Postprandial Lipid Metabolism: The Missing Link Between Life-Style Habits and the Increasing Incidence of Metabolic Diseases in Western Countries?~!2009-09-30~!2010-01-26~!2010-03-30~! 2010 , 2, 1-13		20
93	Hepatic VLDL assembly is disturbed in a rat model of nonalcoholic fatty liver disease: is there a role for dietary coenzyme Q?. <i>Journal of Applied Physiology</i> , 2009 , 107, 707-17	3.7	24

92	Induction of non-alcoholic fatty liver disease and insulin resistance by feeding a high-fat diet in rats: does coenzyme Q monomethyl ether have a modulatory effect?. <i>Nutrition</i> , 2009 , 25, 1157-68	4.8	38
91	Suppression of nuclear factor-kappaB activity in macrophages by chylomicron remnants: modulation by the fatty acid composition of the particles. <i>FEBS Journal</i> , 2009 , 276, 5689-702	5.7	16
90	Suppression of VLDL secretion by cultured hepatocytes incubated with chylomicron remnants enriched in n-3 polyunsaturated fatty acids is regulated by hepatic nuclear factor-4alpha. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 1181-9	5	13
89	Differential influence of different dietary fatty acids on very low-density lipoprotein secretion when delivered to hepatocytes in chylomicron remnants. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 186-95	12.7	13
88	Oxidation of chylomicron remnants and vascular dysfunction. <i>Atherosclerosis Supplements</i> , 2008 , 9, 57-61.	1.7	11
87	Differential modulation of hepatic very low-density lipoprotein secretion by triacylglycerol-rich lipoproteins derived from different oleic-acid rich dietary oils. <i>British Journal of Nutrition</i> , 2008 , 99, 29-36.	3.6	11
86	Intestinal postprandial chylomicrons: state of the union between liver, gut and dyslipidemia?. <i>Future Lipidology</i> , 2008 , 3, 473-480		
85	Effects of lycopene on the induction of foam cell formation by modified LDL. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1820-7	6	34
84	Oxidation of chylomicron remnant-like particles inhibits their uptake by THP-1 macrophages by apolipoprotein E-dependent processes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007 , 1771, 901-10	5	11
83	Incorporation of lycopene into chylomicron remnant-like particles inhibits their uptake by HepG2 cells. <i>Life Sciences</i> , 2007 , 80, 1699-705	6.8	2
82	Uptake of triacylglycerol-rich lipoproteins of differing triacylglycerol molecular species and unsaponifiable content by liver cells. <i>British Journal of Nutrition</i> , 2006 , 95, 889-97	3.6	16
81	Fatty acid composition of chylomicron remnant-like particles influences their uptake and induction of lipid accumulation in macrophages. <i>FEBS Journal</i> , 2006 , 273, 5632-40	5.7	36
80	Hypercholesterolaemia alters the responses of the plasma lipid profile and inflammatory markers to supplementation of the diet with n-3 polyunsaturated fatty acids from fish oil. <i>European Journal of Clinical Investigation</i> , 2006 , 36, 788-95	4.6	8
79	Efflux of lipid from macrophages after induction of lipid accumulation by chylomicron remnants. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005 , 1735, 20-9	5	11
78	Direct interaction of dietary lipids carried in chylomicron remnants with cells of the artery wall: implications for atherosclerosis development. <i>Current Pharmaceutical Design</i> , 2005 , 11, 3681-95	3.3	40
77	Protection of chylomicron remnants from oxidation by incorporation of probucol into the particles enhances their uptake by human macrophages and increases lipid accumulation in the cells. <i>FEBS Journal</i> , 2004 , 271, 2417-27		17
76	Chylomicron remnants and oxidised low density lipoprotein have differential effects on the expression of mRNA for genes involved in human macrophage foam cell formation. <i>Journal of Molecular Medicine</i> , 2004 , 82, 449-58	5.5	32
75	Cholesterol esterification in human monocyte-derived macrophages is inhibited by protein kinase C with dual roles for mitogen activated protein kinases. <i>Cell Biology International</i> , 2004 , 28, 717-25	4.5	8

74	Differential effects of low-density lipoprotein and chylomicron remnants on lipid accumulation in human macrophages. <i>Experimental Biology and Medicine</i> , 2004 , 229, 528-37	3.7	53
73	Chylomicron-remnant-like particles inhibit the basal nitric oxide pathway in porcine coronary artery and aortic endothelial cells. <i>Clinical Science</i> , 2003 , 105, 363-71	6.5	10
72	The effects of dietary n-3 polyunsaturated fatty acids delivered in chylomicron remnants on the transcription of genes regulating synthesis and secretion of very-low-density lipoprotein by the liver: modulation by cellular oxidative state. <i>Experimental Biology and Medicine</i> , 2003 , 228, 143-51	3.7	29
71	Incorporation of lycopene into chylomicron remnant-like particles enhances their induction of lipid accumulation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 312, 1216-9	3.4	18
70	Chylomicron remnant induction of lipid accumulation in J774 macrophages is associated with up-regulation of triacylglycerol synthesis which is not dependent on oxidation of the particles. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2003 , 1631, 255-64	5	32
69	The effects of chylomicron remnants enriched in n-3 or n-6 polyunsaturated fatty acids on the transcription of genes regulating their uptake and metabolism by the liver: influence of cellular oxidative state. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 1123-31	7.8	18
68	Role of estrogen in the regulation of cholesteryl ester synthesis in macrophages: the interaction between native and modified low density lipoprotein and human monocyte-derived macrophages. <i>Clinical Biochemistry</i> , 2002 , 35, 597-605	3.5	2
67	Chylomicron-remnant-like particles inhibit receptor-mediated endothelium-dependent vasorelaxation in pig coronary arteries. <i>Clinical Science</i> , 2002 , 103, 451-60	6.5	15
66	Chylomicron-remnant-like particles inhibit receptor-mediated endothelium-dependent vasorelaxation in pig coronary arteries. <i>Clinical Science</i> , 2002 , 103, 451	6.5	15
65	Comparison of the effects of dietary n-3 and n-6 polyunsaturated fatty acids on very-low-density lipoprotein secretion when delivered to hepatocytes in chylomicron remnants. <i>Biochemical Journal</i> , 2001 , 357, 481-7	3.8	9
64	Lipid synthesis in macrophages derived from the human cell line THP-1: modulation of the effects of native and oxidized chylomicron-remnant-like particles by oestrogen. <i>Clinical Science</i> , 2001 , 101, 403-413	6.5	13
63	Lipid synthesis in macrophages derived from the human cell line THP-1: modulation of the effects of native and oxidized chylomicron-remnant-like particles by oestrogen. <i>Clinical Science</i> , 2001 , 101, 403	6.5	10
62	Comparison of the effects of dietary n ω 3 and n ω 6 polyunsaturated fatty acids on very-low-density lipoprotein secretion when delivered to hepatocytes in chylomicron remnants. <i>Biochemical Journal</i> , 2001 , 357, 481-487	3.8	23
61	Metabolism of chylomicron cholesterol is delayed by estrogen. An in vivo study in the rat. <i>Experimental Biology and Medicine</i> , 2001 , 226, 112-8	3.7	2
60	The fatty acid composition of chylomicron remnants influences their binding and internalization by isolated hepatocytes. <i>FEBS Journal</i> , 2001 , 268, 3983-92		25
59	Oxidation affects the regulation of hepatic lipid synthesis by chylomicron remnants. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 506-15	7.8	23
58	The internal redox balance of the cells influences the metabolism of lipids of dietary origin by J774 macrophages: implications for foam cell formation. <i>Journal of Vascular Research</i> , 2001 , 38, 350-60	1.9	27
57	The influence of chylomicron remnants on cholesteryl ester metabolism in cultured rat hepatocytes: comparison of the effects of particles enriched in n-3 or n-6 polyunsaturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001 , 1534, 96-109	5	6

56	The differential hepatic uptake of chylomicron remnants of different fatty acid composition is not mediated by hepatic lipase. <i>British Journal of Nutrition</i> , 2001 , 85, 575-82	3.6	6
55	The interaction between oxidised chylomicron remnants and the aorta of rats fed a normocholesterolaemic or hypercholesterolaemic diet. <i>Journal of Vascular Research</i> , 2000 , 37, 265-75	1.9	7
54	Chylomicron remnants potentiate phenylephrine-induced contractions of rat aorta by an endothelium-dependent mechanism. <i>Atherosclerosis</i> , 2000 , 151, 471-80	3.1	17
53	Effects of oral propylthiouracil treatment on nitric oxide production in rat aorta. <i>British Journal of Pharmacology</i> , 1999 , 127, 1-8	8.6	26
52	The influence of estrogen on hepatic cholesterol metabolism and biliary lipid secretion in rats fed fish oil. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999 , 1437, 367-77	5	12
51	The influence of dietary saturated and unsaturated fat on hepatic cholesterol metabolism and the biliary excretion of chylomicron cholesterol in the rat. <i>Lipids and Lipid Metabolism</i> , 1998 , 1390, 134-48		25
50	Effects of chylomicrons and chylomicron remnants on endothelium-dependent relaxation of rat aorta. <i>European Journal of Pharmacology</i> , 1998 , 348, 181-90	5.3	12
49	The mechanism underlying the hypocholesterolemic effect of chronic fish oil feeding in rats is not due to increased excretion of dietary cholesterol. <i>Atherosclerosis</i> , 1998 , 139, 253-63	3.1	9
48	The influence of chylomicron remnants on endothelial cell function in the isolated perfused rat aorta. <i>Atherosclerosis</i> , 1998 , 139, 273-81	3.1	52
47	Comparison of short- and long-term effects of different dietary fats on the hepatic uptake and metabolism of chylomicron remnants in rats. <i>British Journal of Nutrition</i> , 1998 , 79, 203-11	3.6	11
46	Chylomicron remnants derived from fish oil are bound and internalised more rapidly by isolated hepatocytes than those derived from olive or palm oil. <i>Biochemical Society Transactions</i> , 1998 , 26, S149	5.1	1
45	The lipolysis of chylomicrons derived from different dietary fats by lipoprotein lipase in vitro. <i>Lipids and Lipid Metabolism</i> , 1997 , 1349, 257-63		29
44	Comparison of the uptake and processing of cholesterol from chylomicrons of different fatty acid composition in rats fed high-fat and low-fat diets. <i>FEBS Journal</i> , 1997 , 246, 92-102		6
43	Comparison of the effects of cyclic AMP analogues on cholesterol metabolism in cultured rat and hamster hepatocytes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996 , 113, 185-91	2.3	
42	Differential effects of chylomicron remnants derived from corn oil or palm oil on bile acid synthesis and very low density lipoprotein secretion in cultured rat hepatocytes. <i>Life Sciences</i> , 1996 , 59, 331-7	6.8	13
41	Modification of the fatty acid composition of dietary oils and fats on incorporation into chylomicrons and chylomicron remnants. <i>British Journal of Nutrition</i> , 1996 , 76, 435-45	3.6	50
40	The role of lipoprotein cholesterol in biliary steroid secretion. Studies with in vivo experimental models. <i>Progress in Lipid Research</i> , 1995 , 34, 71-97	14.3	50
39	Evaluation of cultured hamster hepatocytes as an experimental model for the study of very low density lipoprotein secretion. <i>Lipids and Lipid Metabolism</i> , 1995 , 1254, 37-44		12

38	Comparison of the hepatic uptake and processing of cholesterol from chylomicrons of different fatty acid composition in the rat in vivo. <i>Lipids and Lipid Metabolism</i> , 1995 , 1258, 328-36		40
37	Supplementation of the diet with corn or olive oil enhances the hepatic metabolism of chylomicron remnants. <i>Biochemical Society Transactions</i> , 1995 , 23, 134S	5.1	
36	Comparison of the lipolysis of chylomicron remnants derived from corn oil or olive oil by hepatic lipase in vitro. <i>Biochemical Society Transactions</i> , 1995 , 23, 284S	5.1	2
35	Evaluation in vivo of the differential uptake and processing of high-density lipoprotein unesterified cholesterol and cholesteryl ester in the rat. <i>Lipids and Lipid Metabolism</i> , 1994 , 1215, 93-102		12
34	Bile acid synthesis in hamster hepatocytes in primary culture: sources of cholesterol and comparison with other species. <i>Lipids and Lipid Metabolism</i> , 1993 , 1210, 73-80		18
33	The utilisation of esterified and unesterified cholesterol derived from chylomicron remnants and high density lipoprotein for bile acid synthesis. <i>Biochemical Society Transactions</i> , 1993 , 21, 459S	5.1	2
32	The effect of cyclic AMP analogues and glucagon on cholesteryl ester synthesis and hydrolysis in cultured hamster hepatocytes. <i>FEBS Letters</i> , 1993 , 329, 17-20	3.8	7
31	Cyclic AMP and the regulation of cholesterol metabolism. <i>Biochemical Society Transactions</i> , 1992 , 20, 454-9	5.1	12
30	Cholesterol metabolism in cultured hamster hepatocytes. <i>Biochemical Society Transactions</i> , 1992 , 20, 100S	5.1	3
29	Lipoprotein secretion by cultured hamster hepatocytes. <i>Biochemical Society Transactions</i> , 1992 , 20, 337S	5.1	1
28	The contribution of lipoprotein cholesterol to hepatic precursor pools for bile acid synthesis. <i>Biochemical Society Transactions</i> , 1992 , 20, 338S	5.1	1
27	Hepatic uptake and processing of cholesterol and cholesteryl ester from chylomicron remnants: an in vivo study in the rat. <i>Lipids and Lipid Metabolism</i> , 1992 , 1123, 85-91		9
26	Cholesterol metabolism in the rat lactating mammary gland: the role of cholesteryl ester hydrolase. <i>Lipids</i> , 1991 , 26, 901-6	1.6	5
25	Cholesteryl ester hydrolase: three activities in the lactating rat mammary gland. <i>Biochemical Society Transactions</i> , 1990 , 18, 619-20	5.1	4
24	The characterization of bile acid synthesis by cultured hamster hepatocytes. <i>Biochemical Society Transactions</i> , 1990 , 18, 1211-2	5.1	3
23	The effect of chylomicron remnants on bile acid synthesis in cultured rat hepatocytes. <i>Lipids and Lipid Metabolism</i> , 1990 , 1042, 413-6		6
22	Neutral cholesteryl ester hydrolase in the rat lactating mammary gland: regulation by phosphorylation-dephosphorylation. <i>Lipids and Lipid Metabolism</i> , 1990 , 1047, 90-8		17
21	Bile acid synthesis and intracellular and extracellular cholesterol concentrations in isolated rat hepatocytes: the effect of dietary cholesterol. <i>Lipids and Lipid Metabolism</i> , 1989 , 1001, 210-7		7

20	Effect of dibutyryl cyclic AMP on bile acid synthesis in biliary-drained rats. <i>Biochemical Society Transactions</i> , 1989 , 17, 904-905	5.1	
19	The effects of 6-azacholest-4-en-3 beta-ol-7-one, an inhibitor of cholesterol 7 alpha-hydroxylase, on cholesterol metabolism and bile acid synthesis in primary cultures of rat hepatocytes. <i>Lipids and Lipid Metabolism</i> , 1988 , 960, 268-74		9
18	The effect of inhibition of cholesterol esterification on the fate of cholesterol derived from HDL in rat hepatocyte monolayers. <i>FEBS Letters</i> , 1988 , 227, 179-82	3.8	9
17	Synthesis of bile acids in Hep G2 cells: effect of substrate supply. <i>Biochemical Society Transactions</i> , 1987 , 15, 411-412	5.1	
16	Dietary cholesterol and bile acid synthesis in isolated rat hepatocytes. <i>Biochemical Society Transactions</i> , 1987 , 15, 422-423	5.1	1
15	The effect of ionophore A23187, verapamil, and dibutyryl cyclic AMP on bile acid synthesis in isolated rat hepatocytes. <i>Lipids and Lipid Metabolism</i> , 1987 , 922, 46-53		2
14	The role of acyl-CoA: cholesterol acyltransferase in the metabolism of free cholesterol to cholesteryl esters or bile acids in primary cultures of rat hepatocytes. <i>Lipids and Lipid Metabolism</i> , 1987 , 920, 1-8		25
13	The effect of dibutyryl cyclic AMP on the excretion of taurocholic acid from isolated rat liver cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1986 , 889, 382-5	4.9	8
12	Effect of a rat plasma high-density lipoprotein subfraction on the synthesis of bile salts by rat hepatocyte monolayers. <i>Biochemical Society Transactions</i> , 1985 , 13, 136-137	5.1	
11	Characterisation of rat hepatocyte monolayers for investigation of the metabolism of bile salts. <i>Lipids and Lipid Metabolism</i> , 1985 , 836, 185-91		31
10	The effect of a rat plasma high-density lipoprotein subfraction on the synthesis of bile salts by rat hepatocyte monolayers. <i>FEBS Letters</i> , 1985 , 179, 177-80	3.8	27
9	The effect of glucagon-induced adenosine 3',5'-monophosphate concentrations on bile acid synthesis in isolated rat liver cells. <i>FEBS Letters</i> , 1984 , 168, 317-20	3.8	4
8	Cholesterol ester turnover in isolated liver cells. Effects of cholesterol feeding. <i>Lipids and Lipid Metabolism</i> , 1984 , 793, 435-40		13
7	The effect of dietary fat on bile salt synthesis in rat liver. <i>Lipids and Lipid Metabolism</i> , 1983 , 752, 307-14		26
6	The metabolism of chenodeoxycholic acid to beta-muricholic acid in rat liver. <i>FEBS Journal</i> , 1983 , 134, 191-6		47
5	The effect of dibutyryl adenosine 3',5'-monophosphate on the synthesis of bile salts in isolated hepatocytes from rat. <i>FEBS Journal</i> , 1983 , 136, 313-9		12
4	Portal blood concentrations of conjugated cholic and chenodeoxycholic acids. Relationships to bile salt synthesis in liver cells. <i>Lipids and Lipid Metabolism</i> , 1981 , 665, 81-7		20
3	The effect of the hypocholesteremic drug, AY 9944 on the synthesis of bile salts in rat liver. <i>FEBS Journal</i> , 1981 , 118, 501-5		1

- 2 Bile acid synthesis in isolated rat liver cells. The effect of 7 alpha-hydroxycholesterol. *FEBS Journal*, **1980**, 103, 299-305 26
- 1 Cholesterol 7 alpha-hydroxylase in isolated rat liver cells. *FEBS Journal*, **1979**, 95, 533-42 23