Andrew M Salter

List of Publications by Year in Descending Order

84 papers	2,041 citations	28 h-index	43 g-index
88 ext. papers	2,306 ext. citations	5 avg, IF	5.01 L-index

#	Paper	IF	Citations
84	Mapping brain activity of gut-brain signaling to appetite and satiety in healthy adults: A systematic review and functional neuroimaging meta-analysis.. *Neuroscience and Biobehavioral Reviews*, **2022**, 104603	8	2
83	Extraction of protein from food waste: An overview of current status and opportunities. *Comprehensive Reviews in Food Science and Food Safety*, **2021**, 20, 2455-2475	16.4	25
82	Combined innovations in public policy, the private sector and culture can drive sustainability transitions in food systems. *Nature Food*, **2021**, 2, 282-290	14.4	12
81	Insects: A Potential Source of Protein and Other Nutrients for Feed and Food. *Annual Review of Animal Biosciences*, **2021**, 9, 333-354	13.7	30
80	Role of novel protein sources in sustainably meeting future global requirements. *Proceedings of the Nutrition Society*, **2021**, 80, 186-194	2.9	3
79	Influence of environmental and genetic factors on food protein quality: current knowledge and future directions. *Current Opinion in Food Science*, **2021**, 40, 94-101	9.8	2
78	Are current dietary guidelines relevant to subjects on cholesterol-lowering drugs?. *Proceedings of the Nutrition Society*, **2020**, 79, 88-94	2.9	1
77	Identification of Education Models to Improve Health Outcomes in Arab Women with Pre-Diabetes. *Nutrients*, **2019**, 11,	6.7	9
76	Insect Protein: A Sustainable and Healthy Alternative to Animal Protein?. *Journal of Nutrition*, **2019**, 149, 545-546	4.1	3
75	The impact of reduced red and processed meat consumption on cardiovascular risk factors; an intervention trial in healthy volunteers. *Food and Function*, **2019**, 10, 6690-6698	6.1	7
74	Varying magnesium concentration elicits changes in inflammatory response in human umbilical vein endothelial cells (HUVECs). *Magnesium Research*, **2018**, 31, 99-109	1.7	5
73	Improving the sustainability of global meat and milk production. *Proceedings of the Nutrition Society* , **2017**, 76, 22-27	2.9	31
72	Fetal and neonatal exposure to trans-fatty acids impacts on susceptibility to atherosclerosis in apo E*3 Leiden mice. *British Journal of Nutrition*, **2017**, 117, 377-385	3.6	5
71	Efficacy of insect larval meal to replace fish meal in juvenile barramundi, Lates calcarifer reared in freshwater. *International Aquatic Research*, **2017**, 9, 303-312	2.8	30
70	Component analysis of nutritionally rich chloroplasts: recovery from conventional and unconventional green plant species. *Journal of Food Science and Technology*, **2017**, 54, 2746-2757	3.3	15
69	Saturated fatty acids and coronary heart disease risk: the debate goes on. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2016**, 19, 97-102	3.8	6
68	Maternal high-fat feeding in pregnancy programs atherosclerotic lesion size in the ApoE*3 Leiden mouse. *Journal of Developmental Origins of Health and Disease*, **2016**, 7, 290-297	2.4	2

67	Animal Models in Nutrition Research **2015**, 265-277		1
66	Mathematical modelling of hepatic lipid metabolism. *Mathematical Biosciences*, **2015**, 262, 167-81	3.9	15
65	Treatment of seasonal wastewater flows in a two-pond system. *Biosystems Engineering*, **2013**, 115, 408-418	4.8	1
64	Modelling the economics of farm-based anaerobic digestion in a UK whole-farm context. *Energy Policy*, **2013**, 62, 215-225	7.2	25
63	Dietary fatty acids and cardiovascular disease. *Animal*, **2013**, 7 Suppl 1, 163-71	3.1	84
62	Impact of consumption of animal products on cardiovascular disease, diabetes, and cancer in developed countries. *Animal Frontiers*, **2013**, 3, 20-27	5.5	23
61	Algal wastewater treatment systems for seasonal climates: application of a simple modelling approach to generate local and regional design guidelines. *Water Research*, **2012**, 46, 2307-23	12.5	6
60	Carbohydrates and Lipids **2012**, 52-88		
59	Energetic and environmental benefits of co-digestion of food waste and cattle slurry: A preliminary assessment. *Resources, Conservation and Recycling*, **2011**, 56, 71-79	11.9	55
58	Integration of on-farm biodiesel production with anaerobic digestion to maximise energy yield and greenhouse gas savings from process and farm residues. *Bioresource Technology*, **2011**, 102, 7784-93	11	7
57	Differential effects of the trans-18:1 isomer profile of partially hydrogenated vegetable oils on cholesterol and lipoprotein metabolism in male F1B hamsters. *Journal of Nutrition*, **2011**, 141, 1819-26	4.1	10
56	Effects of omega-3 and -6 polyunsaturated fatty acids on ovine follicular cell steroidogenesis, embryo development and molecular markers of fatty acid metabolism. *Reproduction*, **2011**, 141, 105-18	3.8	42
55	Regulation of ovine and porcine stearoyl coenzyme A desaturase gene promoters by fatty acids and sterols. *Journal of Animal Science*, **2010**, 88, 2565-75	0.7	15
54	Individual trans octadecenoic acids and partially hydrogenated vegetable oil differentially affect hepatic lipid and lipoprotein metabolism in golden Syrian hamsters. *Journal of Nutrition*, **2009**, 139, 257-63	4.1	55
53	A novel liver specific isoform of the rat LAR transcript is expressed as a truncated isoform encoded from a 5′UTR located within intron 11. *BMC Molecular Biology*, **2009**, 10, 30	4.5	3
52	Influence of maternal nutrition on the metabolic syndrome and cardiovascular risk in the offspring. *Clinical Lipidology*, **2009**, 4, 145-158		7
51	Maternal undernutrition programmes atherosclerosis in the ApoE*3-Leiden mouse. *British Journal of Nutrition*, **2009**, 101, 1185-94	3.6	28
50	Effect of dietary conjugated linoleic acid isomers on lipid metabolism in hamsters fed high-carbohydrate and high-fat diets. *British Journal of Nutrition*, **2009**, 101, 1630-8	3.6	15

49	Inhibition of stearoyl CoA desaturase activity induces hypercholesterolemia in the cholesterol-fed hamster. *Journal of Lipid Research*, **2008**, 49, 1456-65	6.3	19
48	Prenatal exposure to a low-protein diet programs disordered regulation of lipid metabolism in the aging rat. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E1702-14	6	124
47	Extraction and quantitative analysis of stearoyl-coenzyme A desaturase mRNA from dairy cow milk somatic cells. *Journal of Dairy Science*, **2007**, 90, 4128-36	4	25
46	Effects of fatty acids on skeletal muscle cell differentiation in vitro. *British Journal of Nutrition*, **2006**, 95, 623-30	3.6	43
45	Effect of feeding rumen-protected conjugated linoleic acid on carcass characteristics and fatty acid composition of sheep tissues. *Journal of Animal Science*, **2006**, 84, 3440-50	0.7	33
44	Butter naturally enriched in conjugated linoleic acid and vaccenic acid alters tissue fatty acids and improves the plasma lipoprotein profile in cholesterol-fed hamsters. *Journal of Nutrition*, **2005**, 135, 1934-9	4.1	89
43	Molecular analysis of peroxisome proliferation in the hamster. *Toxicology and Applied Pharmacology* , **2004**, 197, 9-18	4.6	10
42	Transcriptional regulation of human SREBP-1c (sterol-regulatory-element-binding protein-1c): a key regulator of lipogenesis. *Biochemical Society Transactions*, **2004**, 32, 107-9	5.1	25
41	Dietary cholesterol reduces lipoprotein lipase activity in the atherosclerosis-susceptible Bio F(1)B hamster. *British Journal of Nutrition*, **2003**, 89, 341-50	3.6	12
40	Antioxidant Activity of Oat Extracts added to Human LDL Particles and in Free Radical Trapping Assays. *Journal of Cereal Science*, **2002**, 36, 209-218	3.8	34
39	A role for smooth endoplasmic reticulum membrane cholesterol ester in determining the intracellular location and regulation of sterol-regulatory-element-binding protein-2. *Biochemical Journal*, **2001**, 358, 415-22	3.8	6
38	Interactive effects of dietary cholesterol and different saturated fatty acids on lipoprotein metabolism in the hamster. *British Journal of Nutrition*, **2000**, 84, 439-47	3.6	17
37	Species differences in peroxisome proliferation; mechanisms and relevance. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2000**, 448, 201-12	3.3	41
36	MECHANISM OF REGULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN GENE EXPRESSION BY DIETARY CHOLESTEROL. *Biochemical Society Transactions*, **1999**, 27, A122-A122	5.1	
35	Modulation of the regression of atherosclerosis in the hamster by dietary lipids: comparison of coconut oil and olive oil. *British Journal of Nutrition*, **1999**, 82, 401-9	3.6	29
34	Effects of soy protein on plasma cholesterol and bile acid excretion in hamsters. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **1998**, 119, 247-54	2.3	22
33	Stearoyl-CoA desaturase mRNA is transcribed from a single gene in the ovine genome. *Lipids and Lipid Metabolism*, **1998**, 1391, 145-56		80
32	The effect of different dietary fatty acids on lipoprotein metabolism: concentration-dependent effects of diets enriched in oleic, myristic, palmitic and stearic acids. *British Journal of Nutrition*, **1998**, 79, 195-202	3.6	52

31	The intracellular triacylglycerol/fatty acid cycle: a comparison of its activity in hepatocytes which secrete exclusively apolipoprotein (apo) B100 very-low-density lipoprotein (VLDL) and in those which secrete predominantly apoB48 VLDL. *Biochemical Journal*, **1998**, 332 (Pt 3), 667-72	3.8	34
30	Molecular basis of non-responsiveness to peroxisome proliferators: the guinea-pig PPARalpha is functional and mediates peroxisome proliferator-induced hypolipidaemia. *Biochemical Journal*, **1998**, 332 (Pt 3), 689-93	3.8	59
29	The assembly of triacylglycerol-rich lipoproteins: an essential role for the microsomal triacylglycerol transfer protein. *British Journal of Nutrition*, **1998**, 80, 219-229	3.6	114
28	The ovine stearyl-CoA desaturase gene: cloning and determination of gene number within the ovine genome. *Biochemical Society Transactions*, **1997**, 25, S673	5.1	8
27	Effects of Dietary Fat on Cholesterol Metabolism: Regulation of Plasma LDL Concentrations. *Nutrition Research Reviews*, **1996**, 9, 241-57	7	38
26	Hepatic microsomal triglyceride transfer protein messenger RNA concentrations are increased by dietary cholesterol in hamsters. *FEBS Letters*, **1996**, 394, 247-50	3.8	28
25	Metabolic fate of oleic acid, palmitic acid and stearic acid in cultured hamster hepatocytes. *Biochemical Journal*, **1996**, 316 (Pt 3), 847-52	3.8	42
24	Interactive effects of dietary cholesterol and saturated fat on low density lipoprotein cholesterol. *Biochemical Society Transactions*, **1996**, 24, 180S	5.1	
23	Regulation of hamster hepatic microsomal triglyceride transfer protein mRNA levels by dietary fats. *Biochemical and Biophysical Research Communications*, **1995**, 212, 473-8	3.4	50
22	Low density lipoprotein binding to monolayer cultures of hepatocytes isolated from hamsters fed different dietary fatty acids. *Lipids and Lipid Metabolism*, **1995**, 1258, 61-9		8
21	Effect of dietary triacylglycerol structure on lipoprotein metabolism: a comparison of the effects of dioleoylpalmitoylglycerol in which palmitate is esterified to the 2- or 1(3)-position of the glycerol. *Lipids and Lipid Metabolism*, **1995**, 1258, 41-8		38
20	Desaturation and esterification of palmitic and stearic acids in cultured hepatocytes. *Biochemical Society Transactions*, **1995**, 23, 302S	5.1	
19	The influence of trans fatty acids on health. *Clinical Science*, **1995**, 88, 373-4	6.5	6
18	The effects of different dietary fats and cholesterol on serum lipoprotein concentrations in hamsters. *Lipids and Lipid Metabolism*, **1994**, 1211, 207-14		31
17	The effects of two acylcoenzyme A: cholesterol acyltransferase (ACAT) inhibitors, cyclandelate and a non-hydrolysable ether analogue, benzyl3,3,5-trimethylcyclohexanol on low density lipoprotein metabolism in macrophages and hepatocytes. *Biochemical Pharmacology*, **1994**, 48, 915-22	6	2
16	Effects of different dietary saturated fats on plasma lipoprotein levels in hamsters. *Biochemical Society Transactions*, **1994**, 22, 104S	5.1	
15	The effect of diets containing defined triglycerides on hepatic apolipoprotein B, HMGCoA reductase and LDL receptor mRNA levels in the Syrian hamster. *Biochemical Society Transactions*, **1994**, 22, 112S	5.1	
14	Cholesterol feeding induces hypertriglyceridaemia in hamsters and increases the activity of the Mg(2+)-dependent phosphatidate phosphohydrolase in the liver. *Lipids and Lipid Metabolism*, **1993**, 1166, 238-43		15

13	Plasma VLDL cholesterol and egg cholesterol are resistant to change in the laying hen. *Biochemical Society Transactions*, **1993**, 21, 147S	5.1	2
12	Depot specific effects of insulin and isoproterenol on porcine adipose tissue metabolism. *Biochemical Society Transactions*, **1993**, 21, 149S	5.1	
11	LDL binding to hepatocytes isolated from hamsters fed different dietary fatty acids. *Biochemical Society Transactions*, **1993**, 21, 150S	5.1	3
10	The effect of dietary casein and soyprotein on cholesterol metabolism in hamsters. *Biochemical Society Transactions*, **1993**, 21, 155S	5.1	1
9	The inhibition of the oxidation of low density lipoprotein by (+)-catechin, a naturally occurring flavonoid. *Biochemical Pharmacology*, **1992**, 43, 445-50	6	170
8	Role of insulin and counter-regulatory hormones in the control of hepatic glycerolipid synthesis and low-density-lipoprotein catabolism in diabetes. *Biochemical Society Transactions*, **1989**, 17, 43-6	5.1	13
7	Inhibition of cholesterol esterification in rat hepatocytes is necessary for down-regulation of low-density-lipoprotein receptor activity. *Biochemical Society Transactions*, **1989**, 17, 112-113	5.1	2
6	Benzyloxytrimethylcyclohexane: an inhibitor of cholesterol esterification. *Biochemical Society Transactions*, **1989**, 17, 361-361	5.1	
5	Interactions of triiodothyronine, insulin and dexamethasone on the binding of human LDL to rat hepatocytes in monolayer culture. *Atherosclerosis*, **1988**, 71, 77-80	3.1	35
4	Characterization of the binding of human low-density lipoprotein to cultured rat hepatocytes. *Biochemical Society Transactions*, **1987**, 15, 253-254	5.1	4
3	Binding of low-density lipoprotein to monolayer cultures of rat hepatocytes is increased by insulin and decreased by dexamethasone. *FEBS Letters*, **1987**, 220, 159-62	3.8	41
2	The role of apolipoprotein A-I and apolipoprotein A-II in high-density lipoprotein binding to human adipocyte plasma membranes. *Lipids and Lipid Metabolism*, **1987**, 920, 105-13		34
1	Regional variation in high-density lipoprotein binding to human adipocyte plasma membranes of massively obese subjects. *European Journal of Clinical Investigation*, **1987**, 17, 16-22	4.6	22