

# Philip G Mcternan

## List of Publications by Year in descending order

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108  
papers

7,896  
citations

50276

46  
h-index

49909

87  
g-index

108  
all docs

108  
docs citations

108  
times ranked

11139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human epicardial adipose tissue expresses a pathogenic profile of adipocytokines in patients with cardiovascular disease. <i>Cardiovascular Diabetology</i> , 2006, 5, 1.	6.8	564
2	Prevalence and Indicators of Vitamin B12 Insufficiency among Young Women of Childbearing Age. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1.	2.6	435
3	Resistin, central obesity, and type 2 diabetes. <i>Lancet, The</i> , 2002, 359, 46-47.	13.7	353
4	Elevated endotoxin levels in non-alcoholic fatty liver disease. <i>Journal of Inflammation</i> , 2010, 7, 15.	3.4	307
5	Increased Resistin Gene and Protein Expression in Human Abdominal Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 2407-2410.	3.6	271
6	Resistin and Type 2 Diabetes: Regulation of Resistin Expression by Insulin and Rosiglitazone and the Effects of Recombinant Resistin on Lipid and Glucose Metabolism in Human Differentiated Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 6098-6106.	3.6	255
7	Role of resistin in obesity, insulin resistance and Type II diabetes. <i>Clinical Science</i> , 2005, 109, 243-256.	4.3	225
8	Serum high molecular weight complex of adiponectin correlates better with glucose tolerance than total serum adiponectin in Indo-Asian males. <i>Diabetologia</i> , 2005, 48, 1084-1087.	6.3	223
9	Adipokine inflammation and insulin resistance: the role of glucose, lipids and endotoxin. <i>Journal of Endocrinology</i> , 2013, 216, T1-T15.	2.6	210
10	Adiponectin complexes in human cerebrospinal fluid: distinct complex distribution from serum. <i>Diabetologia</i> , 2007, 50, 634-642.	6.3	192
11	High Fat Intake Leads to Acute Postprandial Exposure to Circulating Endotoxin in Type 2 Diabetic Subjects. <i>Diabetes Care</i> , 2012, 35, 375-382.	8.6	187
12	Adiponectin and Resistin in Human Cerebrospinal Fluid and Expression of Adiponectin Receptors in the Human Hypothalamus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1129-1136.	3.6	184
13	Modest weight loss and reduction in waist circumference after medical treatment are associated with favorable changes in serum adipocytokines. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 430-434.	3.4	169
14	The Effects of Androgens and Estrogens on Preadipocyte Proliferation in Human Adipose Tissue: Influence of Gender and Site. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5045-5051.	3.6	153
15	11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 Activity in Lean and Obese Males with Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4755-4761.	3.6	153
16	Resistin. <i>Current Opinion in Lipidology</i> , 2006, 17, 170-175.	2.7	139
17	The identification of irisin in human cerebrospinal fluid: influence of adiposity, metabolic markers, and gestational diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E512-E518.	3.5	125
18	Adiponectin is a candidate marker of metabolic syndrome in obese children and adolescents. <i>Atherosclerosis</i> , 2006, 189, 401-407.	0.8	124

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19	Changes in endotoxin levels in T2DM subjects on anti-diabetic therapies. <i>Cardiovascular Diabetology</i> , 2009, 8, 20.	6.8	123
20	Effects of a 6-month multi-strain probiotics supplementation in endotoxemic, inflammatory and cardiometabolic status of T2DM patients: A randomized, double-blind, placebo-controlled trial. <i>Clinical Nutrition</i> , 2019, 38, 1561-1569.	5.0	120
21	Insulin and Rosiglitazone Regulation of Lipolysis and Lipogenesis in Human Adipose Tissue In Vitro. <i>Diabetes</i> , 2002, 51, 1493-1498.	0.6	115
22	Epicardial Adipose Tissue as a Source of Nuclear Factor- $\kappa$ B and c-Jun N-Terminal Kinase Mediated Inflammation in Patients with Coronary Artery Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 261-267.	3.6	114
23	Insulin-Mediated Upregulation of the Renin Angiotensin System in Human Subcutaneous Adipocytes Is Reduced by Rosiglitazone. <i>Circulation</i> , 2005, 111, 1954-1961.	1.6	109
24	17 $\beta$ -estradiol and anti-estrogen ICI:Compound 182,780 regulate expression of lipoprotein lipase and hormone-sensitive lipase in isolated subcutaneous abdominal adipocytes. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 383-388.	3.4	101
25	Effects of a multi-strain probiotic supplement for 12 weeks in circulating endotoxin levels and cardiometabolic profiles of medication naïve T2DM patients: a randomized clinical trial. <i>Journal of Translational Medicine</i> , 2017, 15, 249.	4.4	92
26	Gender differences in the regulation of P450 aromatase expression and activity in human adipose tissue. <i>International Journal of Obesity</i> , 2000, 24, 875-881.	3.4	88
27	Vitamin B12 insufficiency induces cholesterol biosynthesis by limiting s-adenosylmethionine and modulating the methylation of SREBF1 and LDLR genes. <i>Clinical Epigenetics</i> , 2015, 7, 14.	4.1	87
28	Adiposity and insulin resistance correlate with telomere length in middle-aged Arabs: the influence of circulating adiponectin. <i>European Journal of Endocrinology</i> , 2010, 163, 601-607.	3.7	86
29	Glucocorticoid Regulation of P450 Aromatase Activity in Human Adipose Tissue: Gender and Site Differences. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1327-1336.	3.6	85
30	Irisin as a predictor of glucose metabolism in children: sexually dimorphic effects. <i>European Journal of Clinical Investigation</i> , 2014, 44, 119-124.	3.4	84
31	Fasting serum adiponectin concentration is reduced in Indo-Asian subjects and is related to HDL cholesterol. <i>Diabetes, Obesity and Metabolism</i> , 2003, 5, 131-135.	4.4	82
32	Probiotic yogurt and acidified milk similarly reduce postprandial inflammation and both alter the gut microbiota of healthy, young men. <i>British Journal of Nutrition</i> , 2017, 117, 1312-1322.	2.3	81
33	Secretion of neuropeptide Y in human adipose tissue and its role in maintenance of adipose tissue mass. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1335-E1340.	3.5	80
34	DPP-IV inhibition enhances the antilipolytic action of NPY in human adipose tissue. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 285-292.	4.4	76
35	Ethnic and sex differences in circulating endotoxin levels: A novel marker of atherosclerotic and cardiovascular risk in a British multi-ethnic population. <i>Atherosclerosis</i> , 2009, 203, 494-502.	0.8	75
36	The In Vitro Effects of Resistin on the Innate Immune Signaling Pathway in Isolated Human Subcutaneous Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 270-276.	3.6	71

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37	GLP-1 analogue, Liraglutide protects human umbilical vein endothelial cells against high glucose induced endoplasmic reticulum stress. <i>Regulatory Peptides</i> , 2012, 174, 46-52.	1.9	70
38	Metabolic endotoxaemia. <i>Current Opinion in Lipidology</i> , 2013, 24, 78-85.	2.7	70
39	The regulation of HSL and LPL expression by DHT and flutamide in human subcutaneous adipose tissue. <i>Diabetes, Obesity and Metabolism</i> , 2002, 4, 209-213.	4.4	68
40	Vitamin B12 deficiency is associated with adverse lipid profile in Europeans and Indians with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2014, 13, 129.	6.8	67
41	Lipopolysaccharide, high glucose and saturated fatty acids induce endoplasmic reticulum stress in cultured primary human adipocytes: Salicylate alleviates this stress. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 472-478.	2.1	64
42	Acute and chronic saturated fatty acid treatment as a key instigator of the TLR-mediated inflammatory response in human adipose tissue, in vitro. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 39-50.	4.2	61
43	Regulation of carboxylesterase 1 (CES1) in human adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 63-67.	2.1	57
44	Telomere Length Attrition, a Marker of Biological Senescence, Is Inversely Correlated with Triglycerides and Cholesterol in South Asian Males with Type 2 Diabetes Mellitus. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	56
45	Obesity and diabetes: lipids, 'nowhere to run to'. <i>Clinical Science</i> , 2009, 116, 113-123.	4.3	55
46	Site-specific regulation of oestrogen receptor- $\alpha$ and - $\beta$ by oestradiol in human adipose tissue. <i>Diabetes, Obesity and Metabolism</i> , 2001, 3, 338-349.	4.4	52
47	Identification of Brown Adipose Tissue Using MR Imaging in a Human Adult With Histological and Immunohistochemical Confirmation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E117-E121.	3.6	48
48	Obesity in Kidney Transplantation. , 2014, 24, 1-12.		48
49	Does endotoxaemia contribute to osteoarthritis in obese patients?. <i>Clinical Science</i> , 2012, 123, 627-634.	4.3	46
50	Tenomodulin Is Highly Expressed in Adipose Tissue, Increased in Obesity, and Down-Regulated during Diet-Induced Weight Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3987-3994.	3.6	45
51	Association of Vitamin B12 with Pro-Inflammatory Cytokines and Biochemical Markers Related to Cardiometabolic Risk in Saudi Subjects. <i>Nutrients</i> , 2016, 8, 460.	4.1	45
52	Rosiglitazone inhibits the insulin-mediated increase in PAI-1 secretion in human abdominal subcutaneous adipocytes. <i>Diabetes, Obesity and Metabolism</i> , 2003, 5, 302-310.	4.4	44
53	Modulation of the peripheral blood transcriptome by the ingestion of probiotic yoghurt and acidified milk in healthy, young men. <i>PLoS ONE</i> , 2018, 13, e0192947.	2.5	40
54	The Effects of Androgens and Estrogens on Preadipocyte Proliferation in Human Adipose Tissue: Influence of Gender and Site. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5045-5051.	3.6	40

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55	NF $\kappa$ B as a potent regulator of inflammation in human adipose tissue, influenced by depot, adiposity, T2DM status, and TNF $\alpha$ . <i>Obesity</i> , 2013, 21, 2322-2330.	3.0	39
56	Laparoscopic Greater Curvature Plication in Morbidly Obese Women with Type 2 Diabetes: Effects on Glucose Homeostasis, Postprandial Triglyceridemia and Selected Gut Hormones. <i>Obesity Surgery</i> , 2014, 24, 718-726.	2.1	39
57	A Dose-Response Strategy Reveals Differences between Normal-Weight and Obese Men in Their Metabolic and Inflammatory Responses to a High-Fat Meal. <i>Journal of Nutrition</i> , 2014, 144, 1517-1523.	2.9	38
58	Inflammatory and metabolic responses to high-fat meals with and without dairy products in men. <i>British Journal of Nutrition</i> , 2015, 113, 1853-1861.	2.3	38
59	Differential expression of Lp-PLA2 in obesity and type 2 diabetes and the influence of lipids. <i>Diabetologia</i> , 2018, 61, 1155-1166.	6.3	38
60	Predictors and Consequences of Fatigue in Prevalent Kidney Transplant Recipients. <i>Transplantation</i> , 2013, 96, 987-994.	1.0	37
61	Low Maternal Vitamin B12 Status Is Associated with Lower Cord Blood HDL Cholesterol in White Caucasians Living in the UK. <i>Nutrients</i> , 2015, 7, 2401-2414.	4.1	36
62	Visfatin Is Regulated by Rosiglitazone in Type 2 Diabetes Mellitus and Influenced by NF $\kappa$ B and JNK in Human Abdominal Subcutaneous Adipocytes. <i>PLoS ONE</i> , 2011, 6, e20287.	2.5	35
63	Insulin increases angiotensinogen expression in human abdominal subcutaneous adipocytes. <i>Diabetes, Obesity and Metabolism</i> , 2003, 5, 462-467.	4.4	34
64	Ghrelin and the differential regulation of des $\alpha$ -acyl (DSG) and oct $\alpha$ -anoyl ghrelin (OTG) in human adipose tissue (AT). <i>Clinical Endocrinology</i> , 2009, 70, 383-389.	2.4	33
65	Vitamin D Deficiency Prevalence and Predictors in Early Pregnancy among Arab Women. <i>Nutrients</i> , 2018, 10, 489.	4.1	33
66	Effects of probiotics in patients with diabetes mellitus type 2: study protocol for a randomized, double-blind, placebo-controlled trial. <i>Trials</i> , 2013, 14, 195.	1.6	32
67	Effects of menopausal status on circulating calcitonin gene-related peptide and adipokines: implications for insulin resistance and cardiovascular risks. <i>Climacteric</i> , 2008, 11, 364-372.	2.4	31
68	Habitual physical activity is associated with circulating irisin in healthy controls but not in subjects with diabetes mellitus type 2. <i>European Journal of Clinical Investigation</i> , 2015, 45, 775-781.	3.4	31
69	ITIH $\alpha$ 5 Expression in Human Adipose Tissue Is Increased in Obesity. <i>Obesity</i> , 2012, 20, 708-714.	3.0	29
70	Effect of the orlistat on serum endotoxin lipopolysaccharide and adipocytokines in South Asian individuals with impaired glucose tolerance. <i>International Journal of Clinical Practice</i> , 2008, 62, 1124-1129.	1.7	27
71	Impact of acute hyperglycaemia on endothelial function and retinal vascular reactivity in patients with Type $\alpha$ 2 diabetes. <i>Diabetic Medicine</i> , 2011, 28, 450-454.	2.3	26
72	Soluble CD163 is associated with body mass index and blood pressure in hypertensive obese Saudi patients. <i>European Journal of Clinical Investigation</i> , 2012, 42, 1221-1226.	3.4	26

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73	Adipocyte differentiation, mitochondrial gene expression and fat distribution: differences between zidovudine and tenofovir after 6 months. <i>Antiviral Therapy</i> , 2009, 14, 1089-1100.	1.0	25
74	Expression of calcitonin gene-related peptide, adrenomedullin, and receptor modifying proteins in human adipose tissue and alteration in their expression with menopause status. <i>Menopause</i> , 2007, 14, 1031-1038.	2.0	25
75	Impact of gut hormone FGF-19 on type-2 diabetes and mitochondrial recovery in a prospective study of obese diabetic women undergoing bariatric surgery. <i>BMC Medicine</i> , 2017, 15, 34.	5.5	23
76	CDKN2B expression and subcutaneous adipose tissue expandability: Possible influence of the 9p21 atherosclerosis locus. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1126-1131.	2.1	20
77	Metabolic endotoxaemia in childhood obesity. <i>BMC Obesity</i> , 2015, 3, 3.	3.1	20
78	Enhanced thermic effect of food, postprandial <scp>NEFA</scp> suppression and raised adiponectin in obese women who eat slowly. <i>Clinical Endocrinology</i> , 2015, 82, 831-837.	2.4	18
79	Retinol Binding Protein 4 and Pathogenesis of Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2430-2432.	3.6	17
80	Maternal inheritance of circulating irisin in humans. <i>Clinical Science</i> , 2014, 126, 837-844.	4.3	16
81	Hypervolemia and Blood Pressure in Prevalent Kidney Transplant Recipients. <i>Transplantation</i> , 2014, 98, 320-327.	1.0	16
82	Tunicamycin-Induced Endoplasmic Reticulum Stress Mediates Mitochondrial Dysfunction in Human Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2905-2918.	3.6	16
83	Circulating leukocyte telomere length is highly heritable among families of Arab descent. <i>BMC Medical Genetics</i> , 2012, 13, 38.	2.1	15
84	Glucocorticoid Regulation of P450 Aromatase Activity in Human Adipose Tissue: Gender and Site Differences. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1327-1336.	3.6	15
85	ORIGINAL ARTICLE: Dysregulation of plasma ghrelin in alcoholic cirrhosis. <i>Clinical Endocrinology</i> , 2010, 73, 323-329.	2.4	12
86	BMC Obesity “expanding the BMC series into an important area of research. <i>BMC Obesity</i> , 2014, 1, 1.	3.1	12
87	Cardiovascular, muscular and perceptual contributions to physical fatigue in prevalent kidney transplant recipients. <i>Transplant International</i> , 2016, 29, 338-351.	1.6	12
88	Fibroblast growth factor 7 signalling is disrupted in colorectal cancer and is a potential marker of field cancerisation. <i>Journal of Gastrointestinal Oncology</i> , 2019, 10, 429-436.	1.4	12
89	Postprandial Effect of a High-Fat Meal on Endotoxemia in Arab Women with and without Insulin-Resistance-Related Diseases. <i>Nutrients</i> , 2015, 7, 6375-6389.	4.1	11
90	Potential therapies based on antidiabetic peptides. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2007, 21, 641-655.	4.7	10

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91	Evidence for a Shift to Anaerobic Metabolism in Adipose Tissue in Efavirenz-Containing Regimens for HIV with Different Nucleoside Backbones. <i>Antiviral Therapy</i> , 2012, 17, 495-507.	1.0	9
92	Asthma and obesity: endotoxin another insult to add to injury?. <i>Clinical Science</i> , 2021, 135, 2729-2748.	4.3	9
93	MRI total sagittal abdominal diameter as a predictor of metabolic syndrome compared to visceral fat at L4-L5 level. <i>Current Medical Research and Opinion</i> , 2008, 24, 1853-1860.	1.9	8
94	Telmisartan reverses antiretroviral-induced adipocyte toxicity and insulin resistance <i>in vitro</i> . <i>Diabetes and Vascular Disease Research</i> , 2018, 15, 233-242.	2.0	8
95	The Role of Hepcidin-25 in Kidney Transplantation. <i>Transplantation</i> , 2013, 95, 1390-1395.	1.0	7
96	Sleep Quality Is Associated with Vitamin B12 Status in Female Arab Students. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4548.	2.6	7
97	Increased Circulating ANG II and TNF- $\alpha$ Represents Important Risk Factors in Obese Saudi Adults with Hypertension Irrespective of Diabetic Status and BMI. <i>PLoS ONE</i> , 2012, 7, e51255.	2.5	7
98	The Associations of Endotoxemia With Systemic Inflammation, Endothelial Activation, and Cardiovascular Outcome in Kidney Transplantation. , 2018, 28, 13-27.		6
99	Pathogenesis of Obesity-Related Type 2 Diabetes. , 2006, , 49-78.		5
100	High glucose load and endotoxemia among overweight and obese Arab women with and without diabetes. <i>Medicine (United States)</i> , 2020, 99, e23211.	1.0	5
101	Biomonitoring and risk assessment of organochlorine pesticides among Saudi adults. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1795-1801.	4.9	4
102	Gut-Derived Endotoxin and Telomere Length Attrition in Adults with and without Type 2 Diabetes. <i>Biomolecules</i> , 2021, 11, 1693.	4.0	4
103	Endotoxemia, vitamin D and premature biological ageing in Arab adults with different metabolic states. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103276.	3.8	4
104	Relationship between Fat Distribution and Insulin Resistance. , 2005, , 207-235.		1
105	Dydrogesterone and norethisterone regulate expression of lipoprotein lipase and hormone-sensitive lipase in human subcutaneous abdominal adipocytes. <i>Diabetes, Obesity and Metabolism</i> , 2007, 9, 585-590.	4.4	1
106	Response to Comment on: Harte et al. High Fat Intake Leads to Acute Postprandial Exposure to Circulating Endotoxin in Type 2 Diabetic Subjects. <i>Diabetes Care</i> 2012;35:375-382. <i>Diabetes Care</i> , 2013, 36, e43-e43.	8.6	0
107	An interview with Philip McTernan, section editor for the basic science section. <i>BMC Obesity</i> , 2014, 1, 3.	3.1	0
108	Gender dependent association of 25-hydroxyvitamin D and circulating leptin in saudi subjects: influence of dyslipidemia. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 11160-6.	1.3	0