

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	Endotoxemia, vitamin D and premature biological ageing in Arab adults with different metabolic states. Saudi Journal of Biological Sciences, 2022, 29, 103276.	3.8	4
2	Sleep Quality Is Associated with Vitamin B12 Status in Female Arab Students. International Journal of Environmental Research and Public Health, 2021, 18, 4548.	2.6	7
3	Prevalence and Indicators of Vitamin B12 Insufficiency among Young Women of Childbearing Age. International Journal of Environmental Research and Public Health, 2021, 18, 1.	2.6	435
4	Gut-Derived Endotoxin and Telomere Length Attrition in Adults with and without Type 2 Diabetes. Biomolecules, 2021, 11, 1693.	4.0	4
5	Asthma and obesity: endotoxin another insult to add to injury?. Clinical Science, 2021, 135, 2729-2748.	4.3	9
6	Tunicamycin-Induced Endoplasmic Reticulum Stress Mediates Mitochondrial Dysfunction in Human Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2905-2918.	3.6	16
7	High glucose load and endotoxemia among overweight and obese Arab women with and without diabetes. Medicine (United States), 2020, 99, e23211.	1.0	5
8	Biomonitoring and risk assessment of organochlorine pesticides among Saudi adults. Arabian Journal of Chemistry, 2019, 12, 1795-1801.	4.9	4
9	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. Clinical Nutrition, 2019, 38, 1561-1569.	5.0	120
10	Fibroblast growth factor 7 signalling is disrupted in colorectal cancer and is a potential marker of field cancerisation. Journal of Gastrointestinal Oncology, 2019, 10, 429-436.	1.4	12
11	Telmisartan reverses antiretroviral-induced adipocyte toxicity and insulin resistance <i>in vitro</i> . Diabetes and Vascular Disease Research, 2018, 15, 233-242.	2.0	8
12	Differential expression of Lp-PLA2 in obesity and type 2 diabetes and the influence of lipids. Diabetologia, 2018, 61, 1155-1166.	6.3	38
13	The Associations of Endotoxemia With Systemic Inflammation, Endothelial Activation, and Cardiovascular Outcome in Kidney Transplantation. , 2018, 28, 13-27.		6
14	Vitamin D Deficiency Prevalence and Predictors in Early Pregnancy among Arab Women. Nutrients, 2018, 10, 489.	4.1	33
15	Modulation of the peripheral blood transcriptome by the ingestion of probiotic yoghurt and acidified milk in healthy, young men. PLoS ONE, 2018, 13, e0192947.	2.5	40
16	Impact of gut hormone FGF-19 on type-2 diabetes and mitochondrial recovery in a prospective study of obese diabetic women undergoing bariatric surgery. BMC Medicine, 2017, 15, 34.	5.5	23
17	Probiotic yogurt and acidified milk similarly reduce postprandial inflammation and both alter the gut microbiota of healthy, young men. British Journal of Nutrition, 2017, 117, 1312-1322.	2.3	81
18	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. Journal of Translational Medicine, 2017, 15, 249.	4.4	92

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19	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
20	Cardiovascular, muscular and perceptual contributions to physical fatigue in prevalent kidney transplant recipients. <i>Transplant International</i> , 2016, 29, 338-351.	1.6	12
21	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
22	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
23	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
24	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
25	Metabolic endotoxaemia in childhood obesity. <i>BMC Obesity</i> , 2015, 3, 3.	3.1	20
26	Enhanced thermic effect of food, postprandial <sc>NEFA</sc> suppression and raised adiponectin in obese women who eat slowly. <i>Clinical Endocrinology</i> , 2015, 82, 831-837.	2.4	18
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	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
29	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
30	Maternal inheritance of circulating irisin in humans. <i>Clinical Science</i> , 2014, 126, 837-844.	4.3	16
31	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
32	Hypervolemia and Blood Pressure in Prevalent Kidney Transplant Recipients. <i>Transplantation</i> , 2014, 98, 320-327.	1.0	16
33	BMC Obesity “expanding the BMC series into an important area of research. <i>BMC Obesity</i> , 2014, 1, 1.	3.1	12
34	An interview with Philip McTernan, section editor for the basic science section. <i>BMC Obesity</i> , 2014, 1, 3.	3.1	0
35	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
36	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

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37	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
38	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
39	Obesity in Kidney Transplantation. , 2014, 24, 1-12.		48
40	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
41	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
42	Adipokine inflammation and insulin resistance: the role of glucose, lipids and endotoxin. <i>Journal of Endocrinology</i> , 2013, 216, T1-T15.	2.6	210
43	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
44	Metabolic endotoxaemia. <i>Current Opinion in Lipidology</i> , 2013, 24, 78-85.	2.7	70
45	NF κ B as a potent regulator of inflammation in human adipose tissue, influenced by depot, adiposity, T2DM status, and TNF α . <i>Obesity</i> , 2013, 21, 2322-2330.	3.0	39
46	The Role of Heparin-25 in Kidney Transplantation. <i>Transplantation</i> , 2013, 95, 1390-1395.	1.0	7
47	Predictors and Consequences of Fatigue in Prevalent Kidney Transplant Recipients. <i>Transplantation</i> , 2013, 96, 987-994.	1.0	37
48	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
49	Does endotoxaemia contribute to osteoarthritis in obese patients?. <i>Clinical Science</i> , 2012, 123, 627-634.	4.3	46
50	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
51	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
52	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
53	IL-6 Expression in Human Adipose Tissue Is Increased in Obesity. <i>Obesity</i> , 2012, 20, 708-714.	3.0	29
54	Circulating leukocyte telomere length is highly heritable among families of Arab descent. <i>BMC Medical Genetics</i> , 2012, 13, 38.	2.1	15

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55	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
56	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
57	Increased Circulating ANG II and TNF- α 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
58	Impact of acute hyperglycaemia on endothelial function and retinal vascular reactivity in patients with Type 2 diabetes. <i>Diabetic Medicine</i> , 2011, 28, 450-454.	2.3	26
59	Visfatin Is Regulated by Rosiglitazone in Type 2 Diabetes Mellitus and Influenced by NF- κ B and JNK in Human Abdominal Subcutaneous Adipocytes. <i>PLoS ONE</i> , 2011, 6, e20287.	2.5	35
60	Elevated endotoxin levels in non-alcoholic fatty liver disease. <i>Journal of Inflammation</i> , 2010, 7, 15.	3.4	307
61	ORIGINAL ARTICLE: Dysregulation of plasma ghrelin in alcoholic cirrhosis. <i>Clinical Endocrinology</i> , 2010, 73, 323-329.	2.4	12
62	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
63	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
64	Epicardial Adipose Tissue as a Source of Nuclear Factor- κ 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
65	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
66	Changes in endotoxin levels in T2DM subjects on anti-diabetic therapies. <i>Cardiovascular Diabetology</i> , 2009, 8, 20.	6.8	123
67	Ghrelin and the differential regulation of desacyl (DSG) and octanoyl ghrelin (OTG) in human adipose tissue (AT). <i>Clinical Endocrinology</i> , 2009, 70, 383-389.	2.4	33
68	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
69	Regulation of carboxylesterase 1 (CES1) in human adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 63-67.	2.1	57
70	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
71	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
72	Obesity and diabetes: lipids, 'nowhere to run to'. <i>Clinical Science</i> , 2009, 116, 113-123.	4.3	55

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73	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
74	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
75	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
76	Retinol Binding Protein 4 and Pathogenesis of Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2430-2432.	3.6	17
77	Thein 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
78	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
79	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
80	Potential therapies based on antidiabetic peptides. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2007, 21, 641-655.	4.7	10
81	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
82	Adiponectin complexes in human cerebrospinal fluid: distinct complex distribution from serum. <i>Diabetologia</i> , 2007, 50, 634-642.	6.3	192
83	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
84	Adiponectin is a candidate marker of metabolic syndrome in obese children and adolescents. <i>Atherosclerosis</i> , 2006, 189, 401-407.	0.8	124
85	Pathogenesis of Obesity-Related Type 2 Diabetes. , 2006, , 49-78.		5
86	Resistin. <i>Current Opinion in Lipidology</i> , 2006, 17, 170-175.	2.7	139
87	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
88	Relationship between Fat Distribution and Insulin Resistance. , 2005, , 207-235.		1
89	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
90	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

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91	Role of resistin in obesity, insulin resistance and Type II diabetes. <i>Clinical Science</i> , 2005, 109, 243-256.	4.3	225
92	11 β -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
93	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
94	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
95	Insulin increases angiotensinogen expression in human abdominal subcutaneous adipocytes. <i>Diabetes, Obesity and Metabolism</i> , 2003, 5, 462-467.	4.4	34
96	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
97	17 β -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
98	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
99	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
100	Insulin and Rosiglitazone Regulation of Lipolysis and Lipogenesis in Human Adipose Tissue In Vitro. <i>Diabetes</i> , 2002, 51, 1493-1498.	0.6	115
101	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
102	Resistin, central obesity, and type 2 diabetes. <i>Lancet</i> , The, 2002, 359, 46-47.	13.7	353
103	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
104	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
105	Site-specific regulation of oestrogen receptor- α and - β by oestradiol in human adipose tissue. <i>Diabetes, Obesity and Metabolism</i> , 2001, 3, 338-349.	4.4	52
106	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
107	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
108	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