

Roy Taylor

List of Publications by Citations

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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.

240
papers

8,543
citations

48
h-index

87
g-index

260
ext. papers

10,598
ext. citations

7.7
avg, IF

6.48
L-index

#	Paper	IF	Citations
240	Primary care-led weight management for remission of type 2 diabetes (DiRECT): an open-label, cluster-randomised trial. <i>Lancet, The</i> , 2018 , 391, 541-551	40	713
239	Reversal of type 2 diabetes: normalisation of beta cell function in association with decreased pancreas and liver triacylglycerol. <i>Diabetologia</i> , 2011 , 54, 2506-14	10.3	702
238	Intramuscular triglyceride and muscle insulin sensitivity: evidence for a relationship in nondiabetic subjects. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 947-50	12.7	335
237	Resistance exercise reduces liver fat and its mediators in non-alcoholic fatty liver disease independent of weight loss. <i>Gut</i> , 2011 , 60, 1278-83	19.2	292
236	Durability of a primary care-led weight-management intervention for remission of type 2 diabetes: 2-year results of the DiRECT open-label, cluster-randomised trial. <i>Lancet Diabetes and Endocrinology, the</i> , 2019 , 7, 344-355	18.1	273
235	Very Low-Calorie Diet and 6 Months of Weight Stability in Type 2 Diabetes: Pathophysiological Changes in Responders and Nonresponders. <i>Diabetes Care</i> , 2016 , 39, 808-15	14.6	209
234	Type 2 diabetes: etiology and reversibility. <i>Diabetes Care</i> , 2013 , 36, 1047-55	14.6	202
233	Pathogenesis of type 2 diabetes: tracing the reverse route from cure to cause. <i>Diabetologia</i> , 2008 , 51, 1781-9	10.3	189
232	Direct assessment of liver glycogen storage by ¹³ C nuclear magnetic resonance spectroscopy and regulation of glucose homeostasis after a mixed meal in normal subjects. <i>Journal of Clinical Investigation</i> , 1996 , 97, 126-32	15.9	182
231	Insulin resistance and type 2 diabetes. <i>Diabetes</i> , 2012 , 61, 778-9	0.9	178
230	Dietary and nutritional approaches for prevention and management of type 2 diabetes. <i>BMJ, The</i> , 2018 , 361, k2234	5.9	137
229	The biochemistry of diabetes. <i>Biochemical Journal</i> , 1988 , 250, 625-40	3.8	136
228	Grading and disease management in national screening for diabetic retinopathy in England and Wales. <i>Diabetic Medicine</i> , 2003 , 20, 965-71	3.5	133
227	Remission of Human Type 2 Diabetes Requires Decrease in Liver and Pancreas Fat Content but Is Dependent upon Capacity for β-Cell Recovery. <i>Cell Metabolism</i> , 2018 , 28, 547-556.e3	24.6	132
226	The impact of metformin therapy on hepatic glucose production and skeletal muscle glycogen synthase activity in overweight type II diabetic patients. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 1217-22	12.7	120
225	High intensity intermittent exercise improves cardiac structure and function and reduces liver fat in patients with type 2 diabetes: a randomised controlled trial. <i>Diabetologia</i> , 2016 , 59, 56-66	10.3	108
224	Comparison of non-mydratic retinal photography with ophthalmoscopy in 2159 patients: mobile retinal camera study. <i>BMJ: British Medical Journal</i> , 1990 , 301, 1243-7		103

223	Validation of ¹³ C NMR measurement of human skeletal muscle glycogen by direct biochemical assay of needle biopsy samples. <i>Magnetic Resonance in Medicine</i> , 1992 , 27, 13-20	4.4	101
222	Weight Loss Decreases Excess Pancreatic Triacylglycerol Specifically in Type 2 Diabetes. <i>Diabetes Care</i> , 2016 , 39, 158-65	14.6	98
221	Type 2 Diabetes: The Pathologic Basis of Reversible β Cell Dysfunction. <i>Diabetes Care</i> , 2016 , 39, 2080-2088	14.6	94
220	Real-time assessment of postprandial fat storage in liver and skeletal muscle in health and type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E789-97	6	94
219	Exercise Reduces Liver Lipids and Visceral Adiposity in Patients With Nonalcoholic Steatohepatitis in a Randomized Controlled Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2017 , 15, 96-102.e3	6.9	92
218	Normal weight individuals who develop type 2 diabetes: the personal fat threshold. <i>Clinical Science</i> , 2015 , 128, 405-10	6.5	84
217	Effect of vildagliptin on hepatic steatosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1578-85	5.6	83
216	Understanding the mechanisms of reversal of type 2 diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 726-736	18.1	82
215	Insulin action in cirrhosis. <i>Hepatology</i> , 1985 , 5, 64-71	11.2	81
214	Insulin-like and insulin-inhibitory effects of monoclonal antibodies for different epitopes on the human insulin receptor. <i>Biochemical Journal</i> , 1987 , 242, 123-9	3.8	77
213	Clinical outcomes of pregnancy in women with type 1 diabetes(1). <i>Obstetrics and Gynecology</i> , 2002 , 99, 537-41	4.9	74
212	Restoring normoglycaemia by use of a very low calorie diet in long- and short-duration Type 2 diabetes. <i>Diabetic Medicine</i> , 2015 , 32, 1149-55	3.5	68
211	Mydriasis and glaucoma: exploding the myth. A systematic review. <i>Diabetic Medicine</i> , 2000 , 17, 693-9	3.5	68
210	Effect of increased free fatty acid supply on glucose metabolism and skeletal muscle glycogen synthase activity in normal man. <i>Clinical Science</i> , 1992 , 82, 219-26	6.5	66
209	Non-alcoholic fatty liver disease is associated with higher levels of measured sedentary behaviour and lower levels of physical activity than matched healthy controls. <i>Frontline Gastroenterology</i> , 2015 , 6, 44-51	2.6	65
208	Practical community screening for diabetic retinopathy using the mobile retinal camera: report of a 12 centre study. British Diabetic Association Mobile Retinal Screening Group. <i>Diabetic Medicine</i> , 1996 , 13, 946-52	3.5	63
207	Banting Memorial lecture 2012: reversing the twin cycles of type 2 diabetes. <i>Diabetic Medicine</i> , 2013 , 30, 267-75	3.5	62
206	Altered volume, morphology and composition of the pancreas in type 2 diabetes. <i>PLoS ONE</i> , 2015 , 10, e0126825	3.7	59

205	Direct assessment of muscle glycogen storage after mixed meals in normal and type 2 diabetic subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E688-94	6	57
204	Regulation of endogenous glucose production after a mixed meal in type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E275-83	6	57
203	Severe impairment of insulin action in adipocytes from amenorrhic subjects with polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 1536-42	12.7	57
202	Mechanism of metabolic advantages after bariatric surgery: it's all gastrointestinal factors versus it's all food restriction. <i>Diabetes Care</i> , 2013 , 36 Suppl 2, S287-91	14.6	55
201	The Diabetes Remission Clinical Trial (DiRECT): protocol for a cluster randomised trial. <i>BMC Family Practice</i> , 2016 , 17, 20	2.6	54
200	Effect of management policy upon 120 Type 1 diabetic pregnancies: policy decisions in practice. <i>Diabetic Medicine</i> , 1999 , 16, 573-8	3.5	53
199	Increased daily walking improves lipid oxidation without changes in mitochondrial function in type 2 diabetes. <i>Diabetes Care</i> , 2008 , 31, 1644-9	14.6	52
198	Pioglitazone decreases fasting and postprandial endogenous glucose production in proportion to decrease in hepatic triglyceride content. <i>Diabetes</i> , 2008 , 57, 2288-95	0.9	52
197	Episodic hyperglycaemia in pregnant women with well-controlled Type 1 diabetes mellitus: a major potential factor underlying macrosomia. <i>Diabetic Medicine</i> , 1999 , 16, 702-6	3.5	52
196	Peripheral and hepatic insulin sensitivity in healthy elderly human subjects. <i>European Journal of Clinical Investigation</i> , 1991 , 21, 13-21	4.6	51
195	Abnormal activation of glycogen synthesis in fibroblasts from NIDDM subjects. Evidence for an abnormality specific to glucose metabolism. <i>Diabetes</i> , 1993 , 42, 583-9	0.9	50
194	Plasma free insulin profiles after administration of insulin by jet and conventional syringe injection. <i>Diabetes Care</i> , 1981 , 4, 377-9	14.6	50
193	Effectiveness of screening in preventing blindness due to diabetic retinopathy. <i>Diabetic Medicine</i> , 2003 , 20, 186-90	3.5	48
192	Ingestion of glucose or sucrose prevents liver but not muscle glycogen depletion during prolonged endurance-type exercise in trained cyclists. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E1032-9	6	47
191	Hepatic Lipoprotein Export and Remission of Human Type 2 Diabetes after Weight Loss. <i>Cell Metabolism</i> , 2020 , 31, 233-249.e4	24.6	47
190	Weight losses with low-energy formula diets in obese patients with and without type 2 diabetes: systematic review and meta-analysis. <i>International Journal of Obesity</i> , 2017 , 41, 96-101	5.5	45
189	Population response to information on reversibility of Type 2 diabetes. <i>Diabetic Medicine</i> , 2013 , 30, e135-8	3.8	45
188	Quantification of intrapancreatic fat in type 2 diabetes by MRI. <i>PLoS ONE</i> , 2017 , 12, e0174660	3.7	45

187	Causation of type 2 diabetes -- the Gordian knot unravels. <i>New England Journal of Medicine</i> , 2004 , 350, 639-41	59.2	44
186	Quality assurance in screening for sight-threatening diabetic retinopathy. <i>Diabetic Medicine</i> , 2002 , 19, 285-91	3.5	41
185	Loss of capacity to recover from acidosis in repeat exercise is strongly associated with fatigue in primary biliary cirrhosis. <i>Journal of Hepatology</i> , 2010 , 53, 155-61	13.4	40
184	Adenosine effects upon insulin action on lipolysis and glucose transport in human adipocytes. <i>Molecular and Cellular Biochemistry</i> , 1995 , 144, 147-51	4.2	40
183	Reversal of Type 2 diabetes after bariatric surgery is determined by the degree of achieved weight loss in both short- and long-duration diabetes. <i>Diabetic Medicine</i> , 2015 , 32, 47-53	3.5	39
182	The second-meal phenomenon is associated with enhanced muscle glycogen storage in humans. <i>Clinical Science</i> , 2009 , 117, 119-27	6.5	39
181	Successful management of hyperemesis gravidarum using steroid therapy. <i>QJM - Monthly Journal of the Association of Physicians</i> , 1996 , 89, 103-7	2.7	39
180	Direct measurement of change in muscle glycogen concentration after a mixed meal in normal subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1993 , 265, E224-9	6	37
179	Impaired activation of skeletal muscle glycogen synthase in non-insulin-dependent diabetes mellitus is unrelated to the degree of obesity. <i>Metabolism: Clinical and Experimental</i> , 1991 , 40, 252-60	12.7	37
178	Beating type 2 diabetes into remission. <i>BMJ, The</i> , 2017 , 358, j4030	5.9	36
177	Long-term impact of retinal screening on significant diabetes-related visual impairment in the working age population. <i>Diabetic Medicine</i> , 2009 , 26, 489-92	3.5	36
176	Remission of type 2 diabetes: a position statement from the Association of British Clinical Diabetologists (ABCD) and the Primary Care Diabetes Society (PCDS). <i>British Journal of Diabetes</i> , 2019 , 19, 73-76	3.4	36
175	Calorie restriction and not glucagon-like peptide-1 explains the acute improvement in glucose control after gastric bypass in Type 2 diabetes. <i>Diabetic Medicine</i> , 2016 , 33, 1723-1731	3.5	36
174	Morphology of the pancreas in type 2 diabetes: effect of weight loss with or without normalisation of insulin secretory capacity. <i>Diabetologia</i> , 2016 , 59, 1753-9	10.3	34
173	Utilizing the second-meal effect in type 2 diabetes: practical use of a soya-yogurt snack. <i>Diabetes Care</i> , 2010 , 33, 2552-4	14.6	33
172	A prevalent variant in PPP1R3A impairs glycogen synthesis and reduces muscle glycogen content in humans and mice. <i>PLoS Medicine</i> , 2008 , 5, e27	11.6	33
171	Sucrose ingestion after exhaustive exercise accelerates liver, but not muscle glycogen repletion compared with glucose ingestion in trained athletes. <i>Journal of Applied Physiology</i> , 2016 , 120, 1328-34	3.7	32
170	Turnover of human muscle glycogen with low-intensity exercise. <i>Medicine and Science in Sports and Exercise</i> , 1994 , 26, 983-991	1.2	32

169	Insulin action 1991. <i>Clinical Endocrinology</i> , 1991 , 34, 159-71	3.4	32
168	In vitro study of human skeletal muscle strips: effect of nonesterified fatty acid supply on glucose storage. <i>Metabolism: Clinical and Experimental</i> , 1989 , 38, 1183-7	12.7	32
167	Calorie restriction for long-term remission of type 2 diabetes. <i>Clinical Medicine</i> , 2019 , 19, 37-42	1.9	31
166	Wide-field imaging and OCT vs clinical evaluation of patients referred from diabetic retinopathy screening. <i>Eye</i> , 2015 , 29, 416-23	4.4	31
165	Insulin regimens for the non-insulin dependent: impact on diurnal metabolic state and quality of life. <i>Diabetic Medicine</i> , 1994 , 11, 551-7	3.5	31
164	Acceptability of a very-low-energy diet in Type 2 diabetes: patient experiences and behaviour regulation. <i>Diabetic Medicine</i> , 2017 , 34, 1554-1567	3.5	30
163	Tissue insulin sensitivity and body weight in polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2001 , 55, 191-9	3.4	30
162	2-year remission of type 2 diabetes and pancreas morphology: a post-hoc analysis of the DiRECT open-label, cluster-randomised trial. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 939-948	18.1	30
161	Influence of pregnancy on long-term progression of retinopathy in patients with type 1 diabetes. <i>Diabetologia</i> , 2008 , 51, 1041-5	10.3	28
160	Type 1 diabetes and pregnancy. <i>BMJ, The</i> , 2007 , 334, 742-5	5.9	28
159	Diurnal variation in skeletal muscle and liver glycogen in humans with normal health and Type 2 diabetes. <i>Clinical Science</i> , 2015 , 128, 707-13	6.5	27
158	The effect of sulphonylurea therapy on skeletal muscle glycogen synthase activity and insulin secretion in newly presenting type 2 (non-insulin-dependent) diabetic patients. <i>Diabetic Medicine</i> , 1991 , 8, 243-53	3.5	27
157	Clinical and metabolic features of the randomised controlled Diabetes Remission Clinical Trial (DiRECT) cohort. <i>Diabetologia</i> , 2018 , 61, 589-598	10.3	27
156	Accelerating MR Imaging Liver Steatosis Measurement Using Combined Compressed Sensing and Parallel Imaging: A Quantitative Evaluation. <i>Radiology</i> , 2016 , 278, 247-56	20.5	26
155	The degree of hepatic steatosis associates with impaired cardiac and autonomic function. <i>Journal of Hepatology</i> , 2019 , 70, 1203-1213	13.4	26
154	Insulin secretion, adipocyte insulin binding and insulin sensitivity in thyrotoxicosis. <i>European Journal of Endocrinology</i> , 1985 , 109, 96-103	6.5	26
153	Efficacy and acceptability of very low energy diets in overweight and obese people with Type 2 diabetes mellitus: a systematic review with meta-analyses. <i>Diabetic Medicine</i> , 2016 , 33, 580-91	3.5	26
152	Long-term progression of retinopathy after initiation of insulin therapy in Type 2 diabetes: an observational study. <i>Diabetologia</i> , 2004 , 47, 1380-4	10.3	25

151	Adipocyte insulin binding and insulin sensitivity in 'brittle' diabetes. <i>Diabetologia</i> , 1984 , 27, 441-6	10.3	25
150	Effects of intensive dietary treatment on insulin-stimulated skeletal muscle glycogen synthase activation and insulin secretion in newly presenting type 2 diabetic patients. <i>Diabetic Medicine</i> , 1990 , 7, 420-8	3.5	24
149	Translating aetiological insight into sustainable management of type 2 diabetes. <i>Diabetologia</i> , 2018 , 61, 273-283	10.3	24
148	Mechanism of insulin resistance in normal pregnancy. <i>Hormone and Metabolic Research</i> , 2013 , 45, 567-71	3.1	23
147	Appropriate insulin regimes for type 2 diabetes: a multicenter randomized crossover study. <i>Diabetes Care</i> , 2000 , 23, 1612-8	14.6	21
146	An evaluation of the Deltatrac indirect calorimeter by gravimetric injection and alcohol burning. <i>Clinical Physics and Physiological Measurement: an Official Journal of the Hospital Physicistsn Association, Deutsche Gesellschaft Fur Medizinische Physik and the European Federation of Organisations for Medical Physics</i> , 1991 , 12, 333-41		21
145	Aetiology of non-insulin dependent diabetes. <i>British Medical Bulletin</i> , 1989 , 45, 73-91	5.4	21
144	Time Course of Normalization of Functional β Cell Capacity in the Diabetes Remission Clinical Trial After Weight Loss in Type 2 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 813-820	14.6	19
143	2012 ,		19
142	Treatment of periodontitis reduces systemic inflammation in type 2 diabetes. <i>Journal of Clinical Periodontology</i> , 2020 , 47, 737-746	7.7	18
141	Inhibition of lipolysis in Type 2 diabetes normalizes glucose disposal without change in muscle glycogen synthesis rates. <i>Clinical Science</i> , 2011 , 121, 169-77	6.5	18
140	Five year audit of peripartum blood glucose control in type 1 diabetic patients. <i>Diabetic Medicine</i> , 1992 , 9, 567-70	3.5	18
139	A placebo-controlled trial of UV-A phototherapy for the treatment of uraemic pruritus. <i>Nephron</i> , 1983 , 33, 14-6	3.3	17
138	Effect of physical activity on age-related changes in cardiac function and performance in women. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	16
137	Systematic development of a theory-informed multifaceted behavioural intervention to increase physical activity of adults with type 2 diabetes in routine primary care: Movement as Medicine for Type 2 Diabetes. <i>Implementation Science</i> , 2016 , 11, 99	8.4	16
136	Peripheral tissue insulin sensitivity in healthy elderly subjects. <i>Gerontology</i> , 1987 , 33, 357-62	5.5	16
135	The relationship between human adipocyte and monocyte insulin binding. <i>Clinical Science</i> , 1984 , 67, 139-43	4.3	16
134	Within-trial cost and 1-year cost-effectiveness of the DiRECT/Counterweight-Plus weight-management programme to achieve remission of type 2 diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 169-172	18.1	15

133	Consensus Report: Definition and Interpretation of Remission in Type 2 Diabetes. <i>Diabetes Care</i> , 2021 ,	14.6	15
132	Measuring the acute effect of insulin infusion on ATP turnover rate in human skeletal muscle using phosphorus-31 magnetic resonance saturation transfer spectroscopy. <i>NMR in Biomedicine</i> , 2010 , 23, 952-7	4.4	14
131	Adipocyte insulin action during the normal menstrual cycle. <i>Human Reproduction</i> , 1996 , 11, 968-74	5.7	14
130	Return of fertility after twelve years of autoimmune ovarian failure. <i>Clinical Endocrinology</i> , 1989 , 31, 305-8	3.4	14
129	Hyperandrogenism, insulin resistance, acanthosis nigricans, and systemic lupus erythematosus associated with insulin receptor antibodies. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 656-9	12.7	14
128	Can type 2 diabetes be reversed and how can this best be achieved? James Lind Alliance research priority number one. <i>Diabetic Medicine</i> , 2019 , 36, 308-315	3.5	14
127	Predictors of type 2 diabetes remission in the Diabetes Remission Clinical Trial (DiRECT). <i>Diabetic Medicine</i> , 2021 , 38, e14395	3.5	13
126	Behaviour change during dietary Type 2 diabetes remission: a longitudinal qualitative evaluation of an intervention using a very low energy diet. <i>Diabetic Medicine</i> , 2020 , 37, 953-962	3.5	13
125	Pancreatic triacylglycerol distribution in type 2 diabetes. <i>Diabetologia</i> , 2015 , 58, 2676-8	10.3	12
124	Effects of raising muscle glycogen synthesis rate on skeletal muscle ATP turnover rate in type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E1155-62	6	12
123	The prevalence of hereditary haemochromatosis in a diabetic population. <i>QJM - Monthly Journal of the Association of Physicians</i> , 1997 , 90, 271-5	2.7	12
122	Establishing ongoing quality assurance in a retinal screening programme. <i>Diabetic Medicine</i> , 2006 , 23, 629-34	3.5	12
121	Catastrophic circulatory collapse following re-expansion pulmonary oedema. <i>Resuscitation</i> , 1996 , 31, 265-9	4	12
120	Effect of insulin therapy on plasma leptin and body weight in patients with type 2 diabetes. <i>Hormone and Metabolic Research</i> , 2003 , 35, 372-6	3.1	11
119	Type 2 diabetes remission: 20-year within-trial and lifetime-horizon cost-effectiveness of the Diabetes Remission Clinical Trial (DiRECT)/Counterweight-Plus weight management programme. <i>Diabetologia</i> , 2020 , 63, 2112-2122	10.3	11
118	Inducing remission of Type 2 diabetes in the Caribbean: findings from a mixed methods feasibility study of a low-calorie liquid diet-based intervention in Barbados. <i>Diabetic Medicine</i> , 2020 , 37, 1816-1824	3.5	11
117	Liver triacylglycerol content and gestational diabetes: effects of moderate energy restriction. <i>Diabetologia</i> , 2017 , 60, 306-313	10.3	10
116	Adipocyte insulin action following ovulation in polycystic ovarian syndrome. <i>Human Reproduction</i> , 1999 , 14, 2216-22	5.7	10

115	Glucose homeostasis in chronic liver disease. <i>Clinical Science</i> , 1986 , 70, 317-20	6.5	10
114	Calorie restriction and reversal of type 2 diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2016 , 11, 521-528	4.1	10
113	Acute inhibition of lipolysis does not affect postprandial suppression of endogenous glucose production. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E941-7	6	9
112	How large studies may mislead: the HOPE Study. <i>Practical Diabetes International: the International Journal for Diabetes Care Teams Worldwide</i> , 2001 , 18, 208-211		9
111	Nutritional basis of type 2 diabetes remission. <i>BMJ, The</i> , 2021 , 374, n1449	5.9	9
110	Gestational diabetes: emerging concepts in pathophysiology. <i>Obstetric Medicine</i> , 2010 , 3, 128-32	1.5	8
109	Effect of repaglinide and gliclazide on postprandial control of endogenous glucose production. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 79-84	12.7	8
108	In vitro effect of adenosine agonist GR79236 on the insulin sensitivity of glucose utilisation in rat soleus and human rectus abdominus muscle. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1996 , 1316, 109-13	6.9	8
107	Adipocyte insulin binding and insulin action in chronic renal failure before and during continuous ambulatory peritoneal dialysis. <i>Metabolism: Clinical and Experimental</i> , 1986 , 35, 430-5	12.7	8
106	Impact of weight management nutrition interventions on dietary outcomes in children and adolescents with overweight or obesity: a systematic review with meta-analysis. <i>Journal of Human Nutrition and Dietetics</i> , 2021 , 34, 147-177	3.1	8
105	Type 2 diabetes remission: economic evaluation of the DiRECT/Counterweight-Plus weight management programme within a primary care randomized controlled trial. <i>Diabetic Medicine</i> , 2019 , 36, 1003-1012	3.5	7
104	Intrauterine growth rate in pregnancies complicated by type 1, type 2 and gestational diabetes. <i>Obstetric Medicine</i> , 2009 , 2, 21-5	1.5	7
103	Intermediary metabolism, insulin sensitivity and insulin receptor status under comparable long-term therapy with insulin injections and continuous subcutaneous insulin infusion. <i>European Journal of Endocrinology</i> , 1988 , 117, 417-27	6.5	7
102	Type 2 diabetes and remission: practical management guided by pathophysiology. <i>Journal of Internal Medicine</i> , 2021 , 289, 754-770	10.8	7
101	Consensus report: definition and interpretation of remission in type 2 diabetes. <i>Diabetologia</i> , 2021 , 64, 2359-2366	10.3	7
100	Digami too?. <i>Diabetologia</i> , 2006 , 49, 1134-7	10.3	6
99	Insulin sensitivity in experimental cirrhosis. <i>Molecular and Cellular Biochemistry</i> , 1989 , 89, 69-72	4.2	6
98	Effects of Exercise on Liver Fat and Metabolism in Alcohol Drinkers. <i>Clinical Gastroenterology and Hepatology</i> , 2017 , 15, 1596-1603.e3	6.9	5

97	Reversing type 2 diabetes. <i>Practical Diabetes</i> , 2011 , 28, 377-378a	0.7	5
96	Dietary reversal of Type 2 diabetes motivated by research knowledge. <i>Diabetic Medicine</i> , 2010 , 27, 724-53,5	3.5	5
95	2006 ,		5
94	Insulin sensitivity and fertility. <i>Human Fertility</i> , 2000 , 3, 65-69	1.9	5
93	The effect of acute (60 minute) insulin stimulation upon human skeletal muscle glycogen synthase and protein phosphatase-1 in non-insulin-dependent diabetic patients and control subjects. <i>Diabetic Medicine</i> , 1995 , 12, 1110-5	3.5	5
92	Resistance to injection: 1991 RD Lawrence Lecture. <i>Diabetic Medicine</i> , 1992 , 9, 104-8	3.5	5
91	Effect of Weight Loss by Low-Calorie Diet on Cardiovascular Health in Type 2 Diabetes: An Interventional Cohort Study. <i>Nutrients</i> , 2021 , 13,	6.7	5
90	The DiRECT principles: giving Type 2 diabetes remission programmes the best chance of success. <i>Diabetic Medicine</i> , 2019 , 36, 1703-1704	3.5	4
89	Management of incidental hyperglycaemia in acute medical emergencies. <i>Diabetic Medicine</i> , 2005 , 22, 937-41	3.5	4
88	Blood pressure and cardiovascular risk in the HOPE study. <i>Lancet, The</i> , 2002 , 359, 2117-8; author reply 2118	4.0	4
87	Assessment of initial hexose uptake in adipocytes using the physiological substrate D-glucose. Particular relevance to human adipocytes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1985 , 45, 545-51	2	4
86	Prevention and reversal of Type 2 diabetes: highlights from a symposium at the 2019 Diabetes UK Annual Professional Conference. <i>Diabetic Medicine</i> , 2019 , 36, 359-365	3.5	4
85	Weight loss induced increase in fasting ghrelin concentration is a predictor of weight regain: evidence from the Diabetes Remission Clinical Trial. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 23, 711	6.7	4
84	Brief formula low-energy-diet for relapse management during weight loss maintenance in the Diabetes Remission Clinical Trial (DiRECT). <i>Journal of Human Nutrition and Dietetics</i> , 2021 , 34, 472-479	3.1	4
83	Consensus Report: Definition and Interpretation of Remission in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	4
82	Changes in tissue insulin sensitivity in previously "brittle" diabetics. <i>Hormone and Metabolic Research</i> , 1986 , 18, 493	3.1	3
81	Use of adipose tissue for metabolic studies. <i>Baillieres Clinical Endocrinology and Metabolism</i> , 1987 , 1, 1023-35		3
80	Measurement of intraorgan fat and hepatic output of triglycerides in human type 2 diabetes by magnetic resonance and intralipid infusion techniques. <i>STAR Protocols</i> , 2021 , 2, 100355	1.4	3

79	Antihypertensive medication needs and blood pressure control with weight loss in the Diabetes Remission Clinical Trial (DiRECT). <i>Diabetologia</i> , 2021 , 64, 1927-1938	10.3	3
78	A proteomic surrogate for cardiovascular outcomes that is sensitive to multiple mechanisms of change in risk.. <i>Science Translational Medicine</i> , 2022 , 14, eabj9625	17.5	3
77	Intra-pancreatic fat deposition: bringing hidden fat to the fore. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 ,	24.2	3
76	Improving understanding of type 2 diabetes remission: research recommendations from Diabetes UK's 2019 remission workshop. <i>Diabetic Medicine</i> , 2020 , 37, 1944-1950	3.5	2
75	Putting insulin resistance into context by dietary reversal of type 2 diabetes. <i>Journal of the Royal College of Physicians of Edinburgh, The</i> , 2017 , 47, 168-171	0.9	2
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47	Practical Screening 2012 , 42-64		
46	Background Retinopathy 2012 , 77-86		
45	Background Information 2012 , 145-151		
44	Answers to Self-Assessment Questions 2012 , 158-162		

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42 Severe Non-Proliferative (Pre-Proliferative) Retinopathy **2012**, 99-103

41 The Need to Screen **2012**, 29-41

40 Normal Retinal Appearances **2012**, 65-76

39 Non-Diabetic Eye Disease **2012**, 128-144

38 Maculopathy **2012**, 87-98

37 Proliferative Retinopathy **2012**, 104-117

36 Treatment of Diabetic Retinopathy **2012**, 273-284

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34 Normal Retinal Appearances **2006**, 65-76

33 Practical Screening **2006**, 47-63

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29 Background Information **2006**, 149-155

28 Answers to Self-assessment Questions **2006**, 157-163

27 Background Retinopathy **2006**, 77-84

26 Severe Non-proliferative (Pre-proliferative) Retinopathy **2006**, 85-89

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