

Roy Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

12,502
citations

29994

54
h-index

29081

104
g-index

260
all docs

260
docs citations

260
times ranked

10878
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.3	1,282
2	Reversal of type 2 diabetes: normalisation of beta cell function in association with decreased pancreas and liver triacylglycerol. <i>Diabetologia</i> , 2011, 54, 2506-2514.	2.9	909
3	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.	5.5	569
4	Resistance exercise reduces liver fat and its mediators in non-alcoholic fatty liver disease independent of weight loss. <i>Gut</i> , 2011, 60, 1278-1283.	6.1	382
5	Intramuscular triglyceride and muscle insulin sensitivity: Evidence for a relationship in nondiabetic subjects. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 947-950.	1.5	367
6	Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 1047-1055.	4.3	306
7	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, 808-815.	4.3	305
8	Dietary and nutritional approaches for prevention and management of type 2 diabetes. <i>BMJ: British Medical Journal</i> , 2018, 361, k2234.	2.4	266
9	Pathogenesis of type 2 diabetes: tracing the reverse route from cure to cause. <i>Diabetologia</i> , 2008, 51, 1781-1789.	2.9	263
10	Insulin Resistance and Type 2 Diabetes. <i>Diabetes</i> , 2012, 61, 778-779.	0.3	262
11	Remission of Human Type 2 Diabetes Requires Decrease in Liver and Pancreas Fat Content but Is Dependent upon Capacity for I ² Cell Recovery. <i>Cell Metabolism</i> , 2018, 28, 547-556.e3.	7.2	257
12	Direct assessment of liver glycogen storage by 13C nuclear magnetic resonance spectroscopy and regulation of glucose homeostasis after a mixed meal in normal subjects.. <i>Journal of Clinical Investigation</i> , 1996, 97, 126-132.	3.9	218
13	Grading and disease management in national screening for diabetic retinopathy in England and Wales. <i>Diabetic Medicine</i> , 2003, 20, 965-971.	1.2	171
14	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.	2.4	163
15	Understanding the mechanisms of reversal of type 2 diabetes. <i>Lancet Diabetes and Endocrinology,the</i> , 2019, 7, 726-736.	5.5	163
16	Consensus Report: Definition and Interpretation of Remission in Type 2 Diabetes. <i>Diabetes Care</i> , 2021, 44, 2438-2444.	4.3	152
17	The biochemistry of diabetes. <i>Biochemical Journal</i> , 1988, 250, 625-640.	1.7	151
18	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.	2.9	141

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19	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, 1217-1222.	1.5	139
20	Weight Loss Decreases Excess Pancreatic Triacylglycerol Specifically in Type 2 Diabetes. <i>Diabetes Care</i> , 2016, 39, 158-165.	4.3	135
21	Type 2 Diabetes: The Pathologic Basis of Reversible β -Cell Dysfunction. <i>Diabetes Care</i> , 2016, 39, 2080-2088.	4.3	131
22	Normal weight individuals who develop Type 2 diabetes: the personal fat threshold. <i>Clinical Science</i> , 2015, 128, 405-410.	1.8	121
23	Comparison of non-mydratic retinal photography with ophthalmoscopy in 2159 patients: mobile retinal camera study.. <i>BMJ: British Medical Journal</i> , 1990, 301, 1243-1247.	2.4	116
24	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.	1.9	116
25	Effect of Vildagliptin on Hepatic Steatosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1578-1585.	1.8	109
26	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-E797.	1.8	107
27	Hepatic Lipoprotein Export and Remission of Human Type 2 Diabetes after Weight Loss. <i>Cell Metabolism</i> , 2020, 31, 233-249.e4.	7.2	102
28	Restoring normoglycaemia by use of a very low calorie diet in long- and short- duration Type 2 diabetes. <i>Diabetic Medicine</i> , 2015, 32, 1149-1155.	1.2	101
29	Insulin-like and insulin-inhibitory effects of monoclonal antibodies for different epitopes on the human insulin receptor. <i>Biochemical Journal</i> , 1987, 242, 123-129.	1.7	93
30	Clinical outcomes of pregnancy in women with type 1 diabetes. <i>Obstetrics and Gynecology</i> , 2002, 99, 537-541.	1.2	91
31	Non-alcoholic fatty liver disease is associated with higher levels of objectively measured sedentary behaviour and lower levels of physical activity than matched healthy controls. <i>Frontline Gastroenterology</i> , 2015, 6, 44-51.	0.9	91
32	Insulin action in cirrhosis. <i>Hepatology</i> , 1985, 5, 64-71.	3.6	89
33	The Diabetes Remission Clinical Trial (DiRECT): protocol for a cluster randomised trial. <i>BMC Family Practice</i> , 2016, 17, 20.	2.9	86
34	Mydriasis and glaucoma: exploding the myth. A systematic review. <i>Diabetic Medicine</i> , 2000, 17, 693-699.	1.2	83
35	Banting Memorial Lecture 2012 Reversing the twin cycles of Type 2 diabetes. <i>Diabetic Medicine</i> , 2013, 30, 267-275.	1.2	83
36	Altered Volume, Morphology and Composition of the Pancreas in Type 2 Diabetes. <i>PLoS ONE</i> , 2015, 10, e0126825.	1.1	82

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37	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.	1.6	77
38	Practical Community Screening for Diabetic Retinopathy using the Mobile Retinal Camera: Report of a 12 Centre Study. <i>Diabetic Medicine</i> , 1996, 13, 946-952.	1.2	75
39	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.	5.5	74
40	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, 219-226.	1.8	71
41	Episodic hyperglycaemia in pregnant women with well-controlled Type 1 diabetes mellitus: a major potential factor underlying macrosomia. <i>Diabetic Medicine</i> , 1999, 16, 702-706.	1.2	71
42	Quantification of intrapancreatic fat in type 2 diabetes by MRI. <i>PLoS ONE</i> , 2017, 12, e0174660.	1.1	71
43	Mechanism of Metabolic Advantages After Bariatric Surgery. <i>Diabetes Care</i> , 2013, 36, S287-S291.	4.3	70
44	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-E694.	1.8	67
45	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-E283.	1.8	65
46	Effect of management policy upon 120 Type 1 diabetic pregnancies: policy decisions in practice. <i>Diabetic Medicine</i> , 1999, 16, 573-578.	1.2	63
47	Intra-pancreatic fat deposition: bringing hidden fat to the fore. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 153-168.	8.2	63
48	Pioglitazone Decreases Fasting and Postprandial Endogenous Glucose Production in Proportion to Decrease in Hepatic Triglyceride Content. <i>Diabetes</i> , 2008, 57, 2288-2295.	0.3	62
49	Increased Daily Walking Improves Lipid Oxidation Without Changes in Mitochondrial Function in Type 2 Diabetes. <i>Diabetes Care</i> , 2008, 31, 1644-1649.	4.3	61
50	Severe impairment of insulin action in adipocytes from amenorrheic subjects with polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1536-1542.	1.5	60
51	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-E1039.	1.8	60
52	Peripheral and hepatic insulin sensitivity in healthy elderly human subjects. <i>European Journal of Clinical Investigation</i> , 1991, 21, 13-21.	1.7	57
53	Effectiveness of screening in preventing blindness due to diabetic retinopathy. <i>Diabetic Medicine</i> , 2003, 20, 186-190.	1.2	56
54	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.	0.1	56

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55	Plasma Free Insulin Profiles After Administration of Insulin by Jet and Conventional Syringe Injection. <i>Diabetes Care</i> , 1981, 4, 377-379.	4.3	55
56	The second-meal phenomenon is associated with enhanced muscle glycogen storage in humans. <i>Clinical Science</i> , 2009, 117, 119-127.	1.8	55
57	Population response to information on reversibility of Type 2 diabetes. <i>Diabetic Medicine</i> , 2013, 30, e135-8.	1.2	55
58	Abnormal Activation of Glycogen Synthesis in Fibroblasts from NIDDM Subjects: Evidence for an Abnormality Specific to Glucose Metabolism. <i>Diabetes</i> , 1993, 42, 583-589.	0.3	53
59	Predictors of type 2 diabetes remission in the Diabetes Remission Clinical Trial (DiRECT). <i>Diabetic Medicine</i> , 2021, 38, e14395.	1.2	53
60	Quality assurance in screening for sight-threatening diabetic retinopathy. <i>Diabetic Medicine</i> , 2002, 19, 285-291.	1.2	52
61	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-E229.	1.8	51
62	Causation of Type 2 Diabetes – The Gordian Knot Unravels. <i>New England Journal of Medicine</i> , 2004, 350, 639-641.	13.9	51
63	Beating type 2 diabetes into remission. <i>BMJ: British Medical Journal</i> , 2017, 358, j4030.	2.4	51
64	Acceptability of a very low energy diet in Type 2 diabetes: patient experiences and behaviour regulation. <i>Diabetic Medicine</i> , 2017, 34, 1554-1567.	1.2	51
65	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, 155-161.	1.8	50
66	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.	1.2	50
67	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.	1.2	50
68	Treatment of periodontitis reduces systemic inflammation in type 2 diabetes. <i>Journal of Clinical Periodontology</i> , 2020, 47, 737-746.	2.3	49
69	Calorie restriction for long-term remission of type 2 diabetes. <i>Clinical Medicine</i> , 2019, 19, 37-42.	0.8	48
70	Adenosine effects upon insulin action on lipolysis and glucose transport in human adipocytes. <i>Molecular and Cellular Biochemistry</i> , 1995, 144, 147-151.	1.4	47
71	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, 1753-1759.	2.9	46
72	Clinical and metabolic features of the randomised controlled Diabetes Remission Clinical Trial (DiRECT) cohort. <i>Diabetologia</i> , 2018, 61, 589-598.	2.9	46

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73	Successful management of hyperemesis gravidarum using steroid therapy. QJM - Monthly Journal of the Association of Physicians, 1996, 89, 103-108.	0.2	45
74	Long-term impact of retinal screening on significant diabetes-related visual impairment in the working age population. Diabetic Medicine, 2009, 26, 489-492.	1.2	45
75	The degree of hepatic steatosis associates with impaired cardiac and autonomic function. Journal of Hepatology, 2019, 70, 1203-1213.	1.8	45
76	Impaired activation of skeletal muscle glycogen synthase in non-insulin-dependent diabetes mellitus is unrelated to the degree of obesity. Metabolism: Clinical and Experimental, 1991, 40, 252-260.	1.5	44
77	Influence of pregnancy on long-term progression of retinopathy in patients with type 1 diabetes. Diabetologia, 2008, 51, 1041-1045.	2.9	44
78	A Prevalent Variant in PPP1R3A Impairs Glycogen Synthesis and Reduces Muscle Glycogen Content in Humans and Mice. PLoS Medicine, 2008, 5, e27.	3.9	44
79	Sucrose ingestion after exhaustive exercise accelerates liver, but not muscle glycogen repletion compared with glucose ingestion in trained athletes. Journal of Applied Physiology, 2016, 120, 1328-1334.	1.2	43
80	Utilizing the Second-Meal Effect in Type 2 Diabetes: Practical Use of a Soya-Yogurt Snack. Diabetes Care, 2010, 33, 2552-2554.	4.3	42
81	Efficacy and acceptability of very low energy diets in overweight and obese people with Type 2 diabetes mellitus: a systematic review with meta-analyses. Diabetic Medicine, 2016, 33, 580-591.	1.2	42
82	Time Course of Normalization of Functional β -Cell Capacity in the Diabetes Remission Clinical Trial After Weight Loss in Type 2 Diabetes. Diabetes Care, 2020, 43, 813-820.	4.3	42
83	Type 2 diabetes and remission: practical management guided by pathophysiology. Journal of Internal Medicine, 2021, 289, 754-770.	2.7	39
84	Consensus report: definition and interpretation of remission in type 2 diabetes. Diabetologia, 2021, 64, 2359-2366.	2.9	39
85	Tissue insulin sensitivity and body weight in polycystic ovary syndrome. Clinical Endocrinology, 2001, 55, 191-199.	1.2	38
86	Type 1 diabetes and pregnancy. BMJ: British Medical Journal, 2007, 334, 742-745.	2.4	38
87	Wide-field imaging and OCT vs clinical evaluation of patients referred from diabetic retinopathy screening. Eye, 2015, 29, 416-423.	1.1	37
88	Diurnal variation in skeletal muscle and liver glycogen in humans with normal health and Type 2 diabetes. Clinical Science, 2015, 128, 707-713.	1.8	36
89	In vitro study of human skeletal muscle strips: Effect of nonesterified fatty acid supply on glucose storage. Metabolism: Clinical and Experimental, 1989, 38, 1183-1187.	1.5	35
90	Turnover of human muscle glycogen with low-intensity exercise. Medicine and Science in Sports and Exercise, 1994, 26, 983-991.	0.2	35

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91	Insulin Regimens for the Non-insulin Dependent: Impact on Diurnal Metabolic State and Quality of Life. <i>Diabetic Medicine</i> , 1994, 11, 551-557.	1.2	34
92	Translating aetiological insight into sustainable management of type 2 diabetes. <i>Diabetologia</i> , 2018, 61, 273-283.	2.9	33
93	Insulin secretion, adipocyte insulin binding and insulin sensitivity in thyrotoxicosis. <i>European Journal of Endocrinology</i> , 1985, 109, 96-103.	1.9	32
94	Insulin action 1991. <i>Clinical Endocrinology</i> , 1991, 34, 159-171.	1.2	32
95	Accelerating MR Imaging Liver Steatosis Measurement Using Combined Compressed Sensing and Parallel Imaging: A Quantitative Evaluation. <i>Radiology</i> , 2016, 278, 247-256.	3.6	32
96	Consensus Report: Definition and Interpretation of Remission in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1-9.	1.8	32
97	A proteomic surrogate for cardiovascular outcomes that is sensitive to multiple mechanisms of change in risk. <i>Science Translational Medicine</i> , 2022, 14, eabj9625.	5.8	31
98	Adipocyte insulin binding and insulin sensitivity in 'brittle' diabetes. <i>Diabetologia</i> , 1984, 27, 441-446.	2.9	30
99	Long-term progression of retinopathy after initiation of insulin therapy in Type 2 diabetes: an observational study. <i>Diabetologia</i> , 2004, 47, 1380-4.	2.9	30
100	Mechanism of Insulin Resistance in Normal Pregnancy. <i>Hormone and Metabolic Research</i> , 2013, 45, 567-571.	0.7	30
101	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.	1.2	30
102	Aetiology of non-insulin dependent diabetes. <i>British Medical Bulletin</i> , 1989, 45, 73-91.	2.7	29
103	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, 243-253.	1.2	29
104	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 Physicists' Association, Deutsche Gesellschaft Fur Medizinische Physik and the European Federation of Organisations for Medical Physics</i> , 1991, 12, 333-341.	0.5	29
105	Appropriate insulin regimes for type 2 diabetes: a multicenter randomized crossover study. <i>Diabetes Care</i> , 2000, 23, 1612-1618.	4.3	28
106	Nutritional basis of type 2 diabetes remission. <i>BMJ, The</i> , 2021, 374, n1449.	3.0	28
107	Effect of Physical Activity on Age-Related Changes in Cardiac Function and Performance in Women. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	27
108	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, 420-428.	1.2	26

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109	Type 2 diabetes remission: 2-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.	2.9	26
110	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.	1.2	24
111	A Placebo-Controlled Trial of UV-A Phototherapy for the Treatment of Uraemic Pruritus. <i>Nephron</i> , 1983, 33, 14-16.	0.9	22
112	Inhibition of lipolysis in Type 2 diabetes normalizes glucose disposal without change in muscle glycogen synthesis rates. <i>Clinical Science</i> , 2011, 121, 169-177.	1.8	22
113	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.	5.5	22
114	Five Year Audit of Peripartum Blood Glucose Control in Type 1 Diabetic Patients. <i>Diabetic Medicine</i> , 1992, 9, 567-570.	1.2	21
115	The prevalence of hereditary haemochromatosis in a diabetic population. <i>QJM - Monthly Journal of the Association of Physicians</i> , 1997, 90, 271-275.	0.2	21
116	Antihypertensive medication needs and blood pressure control with weight loss in the Diabetes Remission Clinical Trial (DiRECT). <i>Diabetologia</i> , 2021, 64, 1927-1938.	2.9	20
117	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> , 2015, 11, 99.	2.5	19
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.	1.2	19
119	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.	1.2	18
120	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.	1.3	18
121	The Relationship between Human Adipocyte and Monocyte Insulin Binding. <i>Clinical Science</i> , 1984, 67, 139-142.	1.8	17
122	Peripheral Tissue Insulin Sensitivity in Healthy Elderly Subjects. <i>Gerontology</i> , 1987, 33, 357-362.	1.4	17
123	Establishing ongoing quality assurance in a retinal screening programme. <i>Diabetic Medicine</i> , 2006, 23, 629-634.	1.2	17
124	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, 952-957.	1.6	17
125	RETURN OF FERTILITY AFTER TWELVE YEARS OF AUTOIMMUNE OVARIAN FAILURE. <i>Clinical Endocrinology</i> , 1989, 31, 305-308.	1.2	16
126	Calorie restriction and reversal of type 2 diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2016, 11, 521-528.	1.2	16

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127	Hyperandrogenism, insulin resistance, acanthosis nigricans, and systemic lupus erythematosus associated with insulin receptor antibodies. <i>Metabolism: Clinical and Experimental</i> , 1988, 37, 656-659.	1.5	15
128	Adipocyte insulin action during the normal menstrual cycle. <i>Human Reproduction</i> , 1996, 11, 968-974.	0.4	15
129	Prevention and reversal of Type 2 diabetes: highlights from a symposium at the 2019 Diabetes <sc>UK</sc> Annual Professional Conference. <i>Diabetic Medicine</i> , 2019, 36, 359-365.	1.2	15
130	Consensus report: Definition and interpretation of remission in type 2 diabetes. <i>Diabetic Medicine</i> , 2022, 39, e14669.	1.2	15
131	Catastrophic circulatory collapse following re-expansion pulmonary oedema. <i>Resuscitation</i> , 1996, 31, 265-269.	1.3	14
132	Pancreatic triacylglycerol distribution in type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 2676-2678.	2.9	14
133	Dietary Intervention in Pregnant Women with Gestational Diabetes; Protocol for the DiGest Randomised Controlled Trial. <i>Nutrients</i> , 2020, 12, 1165.	1.7	14
134	Participant experiences in the Diabetes REmission Clinical Trial (DiRECT). <i>Diabetic Medicine</i> , 2022, 39, e14689.	1.2	14
135	Adipocyte insulin action following ovulation in polycystic ovarian syndrome. <i>Human Reproduction</i> , 1999, 14, 2216-2222.	0.4	13
136	Effect of Insulin Therapy on Plasma Leptin and Body Weight in Patients with Type 2 Diabetes. <i>Hormone and Metabolic Research</i> , 2003, 35, 372-376.	0.7	12
137	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-E1162.	1.8	12
138	Liver triacylglycerol content and gestational diabetes: effects of moderate energy restriction. <i>Diabetologia</i> , 2017, 60, 306-313.	2.9	12
139	Sex differences in intraorgan fat levels and hepatic lipid metabolism: implications for cardiovascular health and remission of type 2 diabetes after dietary weight loss. <i>Diabetologia</i> , 2022, 65, 226-233.	2.9	12
140	Weight loss-induced increase in fasting ghrelin concentration is a predictor of weight regain: Evidence from the Diabetes Remission Clinical Trial (DiRECT). <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 711-719.	2.2	11
141	Effect of Weight Loss by Low-Calorie Diet on Cardiovascular Health in Type 2 Diabetes: An Interventional Cohort Study. <i>Nutrients</i> , 2021, 13, 1465.	1.7	11
142	Glucose homeostasis in chronic liver disease. <i>Clinical Science</i> , 1986, 70, 317-320.	1.8	10
143	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, 109-113.	1.8	10
144	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.	0.2	10

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145	The DiRECT principles: giving Type 2 diabetes remission programmes the best chance of success. <i>Diabetic Medicine</i> , 2019, 36, 1703-1704.	1.2	10
146	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.	1.3	10
147	Insulin sensitivity in experimental cirrhosis. <i>Molecular and Cellular Biochemistry</i> , 1989, 89, 69-72.	1.4	9
148	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-E947.	1.8	9
149	Effect of repaglinide and gliclazide on postprandial control of endogenous glucose production. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 79-84.	1.5	9
150	Intrauterine growth rate in pregnancies complicated by type 1, type 2 and gestational diabetes. <i>Obstetric Medicine</i> , 2009, 2, 21-25.	0.5	9
151	Effects of Exercise on Liver Fat and Metabolism in Alcohol Drinkers. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1596-1603.e3.	2.4	9
152	Views, experience and adherence among pregnant women with gestational diabetes participating in a weight loss study (WELLBABE). <i>Diabetic Medicine</i> , 2019, 36, 195-202.	1.2	9
153	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, 430-435.	1.5	8
154	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, 417-427.	1.9	8
155	Gestational diabetes: emerging concepts in pathophysiology. <i>Obstetric Medicine</i> , 2010, 3, 128-132.	0.5	8
156	Delivering the Diabetes Remission Clinical Trial (DiRECT) in primary care: Experiences of healthcare professionals. <i>Diabetic Medicine</i> , 2022, 39, e14752.	1.2	8
157	Insulin sensitivity and fertility. <i>Human Fertility</i> , 2000, 3, 65-69.	0.7	7
158	Management of incidental hyperglycaemia in acute medical emergencies. <i>Diabetic Medicine</i> , 2005, 22, 937-941.	1.2	7
159	Changes in Tissue Insulin Sensitivity in Previously "Brittle" Diabetics. <i>Hormone and Metabolic Research</i> , 1986, 18, 493-493.	0.7	6
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