## **David Matthews**

List of Publications by Year in descending order

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124 papers 72,884 citations

54 h-index 19690 117 g-index

130 all docs

130 docs citations

130 times ranked

55985 citing authors

#	Article	IF	CITATIONS
1	Homeostasis model assessment: insulin resistance and ?-cell function from fasting plasma glucose and insulin concentrations in man. Diabetologia, 1985, 28, 412-419.	2.9	27,582
2	Association of glycaemia with macrovascular and microvascular complications of type 2 diabetes (UKPDS 35): prospective observational study. BMJ: British Medical Journal, 2000, 321, 405-412.	2.4	7,060
3	10-Year Follow-up of Intensive Glucose Control in Type 2 Diabetes. New England Journal of Medicine, 2008, 359, 1577-1589.	13.9	6,543
4	Canagliflozin and Cardiovascular and Renal Events in Type 2 Diabetes. New England Journal of Medicine, 2017, 377, 644-657.	13.9	5,629
5	Use and Abuse of HOMA Modeling. Diabetes Care, 2004, 27, 1487-1495.	4.3	4,019
6	Management of Hyperglycemia in Type 2 Diabetes: A Patient-Centered Approach. Diabetes Care, 2012, 35, 1364-1379.	4.3	3,077
7	Management of Hyperglycemia in Type 2 Diabetes, 2015: A Patient-Centered Approach: Update to a Position Statement of the American Diabetes Association and the European Association for the Study of Diabetes. Diabetes Care, 2015, 38, 140-149.	4.3	2,326
8	Correct Homeostasis Model Assessment (HOMA) Evaluation Uses the Computer Program. Diabetes Care, 1998, 21, 2191-2192.	4.3	1,745
9	Association of systolic blood pressure with macrovascular and microvascular complications of type 2 diabetes (UKPDS 36): prospective observational study. BMJ: British Medical Journal, 2000, 321, 412-419.	2.4	1,737
10	Management of hyperglycaemia in type 2 diabetes: a patient-centered approach. Position statement of the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). Diabetologia, 2012, 55, 1577-1596.	2.9	1,718
11	UKPDS 50: Risk factors for incidence and progression of retinopathy in Type II diabetes over 6 years from diagnosis. Diabetologia, 2001, 44, 156-163.	2.9	840
12	Sodium–Glucose Cotransporter 2 Inhibitors for Type 2 Diabetes. Annals of Internal Medicine, 2013, 159, 262.	2.0	749
13	Long-Term Follow-up after Tight Control of Blood Pressure in Type 2 Diabetes. New England Journal of Medicine, 2008, 359, 1565-1576.	13.9	674
14	Management of hyperglycaemia in type 2 diabetes, 2015: a patient-centred approach. Update to a Position Statement of the American Diabetes Association and the European Association for the Study of Diabetes. Diabetologia, 2015, 58, 429-442.	2.9	598
15	Grand challenges in chronic non-communicable diseases. Nature, 2007, 450, 494-496.	13.7	562
16	Follow-up of Blood-Pressure Lowering and Glucose Control in Type 2 Diabetes. New England Journal of Medicine, 2014, 371, 1392-1406.	13.9	520
17	Canagliflozin and renal outcomes in type 2 diabetes: results from the CANVAS Program randomised clinical trials. Lancet Diabetes and Endocrinology,the, 2018, 6, 691-704.	5.5	460
18	Canagliflozin for Primary and Secondary Prevention of Cardiovascular Events. Circulation, 2018, 137, 323-334.	1.6	393

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19	Risks of Progression of Retinopathy and Vision Loss Related to TightBlood Pressure Control in Type 2 Diabetes Mellitus. JAMA Ophthalmology, 2004, 122, 1631.	2.6	377
20	Dipeptidyl peptidase-4 inhibitors for treatment of type 2 diabetes mellitus in the clinical setting: systematic review and meta-analysis. BMJ: British Medical Journal, 2012, 344, e1369-e1369.	2.4	356
21	Effect of CPAP on insulin resistance and HbA1c in men with obstructive sleep apnoea and type 2 diabetes. Thorax, 2007, 62, 969-974.	2.7	355
22	UKPDS 26: sulphonylurea failure in non-insulin-dependent diabetic patients over six years., 1998, 15, 297-303.		290
23	Rationale, design, and baseline characteristics of the Canagliflozin Cardiovascular Assessment Study (CANVAS)—A randomized placebo-controlled trial. American Heart Journal, 2013, 166, 217-223.e11.	1.2	290
24	Glycaemic durability of an early combination therapy with vildagliptin and metformin versus sequential metformin monotherapy in newly diagnosed type 2 diabetes (VERIFY): a 5-year, multicentre, randomised, double-blind trial. Lancet, The, 2019, 394, 1519-1529.	6.3	210
25	Long-term Benefits of Intensive Glucose Control for Preventing End-Stage Kidney Disease: ADVANCE-ON. Diabetes Care, 2016, 39, 694-700.	4.3	184
26	Comparative Effectiveness of Glucose-Lowering Drugs for Type 2 Diabetes. Annals of Internal Medicine, 2020, 173, 278-286.	2.0	182
27	Vildagliptin addâ€on to metformin produces similar efficacy and reduced hypoglycaemic risk compared with glimepiride, with no weight gain: results from a 2â€year study. Diabetes, Obesity and Metabolism, 2010, 12, 780-789.	2.2	178
28	Semaglutide, reduction in glycated haemoglobin and the risk of diabetic retinopathy. Diabetes, Obesity and Metabolism, 2018, 20, 889-897.	2.2	173
29	Long-term efficacy and tolerability of add-on pioglitazone therapy to failing monotherapy compared with addition of gliclazide or metformin in patients with type 2 diabetes. Diabetologia, 2005, 48, 1093-1104.	2.9	160
30	Control of pulsatile insulin secretion in man. Diabetologia, 1983, 24, 231-7.	2.9	157
31	Long-term therapy with addition of pioglitazone to metformin compared with the addition of gliclazide to metformin in patients with type 2 diabetes: a randomized, comparative study. Diabetes/Metabolism Research and Reviews, 2005, 21, 167-174.	1.7	153
32	Rationale, design and baseline characteristics of the CANagliflozin cardioVascular Assessment Study–Renal ( <scp>CANVASâ€R</scp> ): A randomized, placeboâ€controlled trial. Diabetes, Obesity and Metabolism, 2017, 19, 387-393.	2.2	139
33	Worsening of diabetic retinopathy with rapid improvement in systemic glucose control: A review. Diabetes, Obesity and Metabolism, 2019, 21, 454-466.	2.2	129
34	Microaneurysms in the development of diabetic retinopathy (UKPDS 42). Diabetologia, 1999, 42, 1107-1112.	2.9	124
35	Longâ€ŧerm efficacy and safety comparison of liraglutide, glimepiride and placebo, all in combination with metformin in type 2 diabetes: 2â€year results from the <scp>LEAD</scp> â€2 study. Diabetes, Obesity and Metabolism, 2013, 15, 204-212.	2.2	123
36	Effects of Canagliflozin on Heart Failure Outcomes Associated With Preserved and Reduced Ejection Fraction in Type 2 Diabetes Mellitus. Circulation, 2019, 139, 2591-2593.	1.6	121

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37	Prevention and management of COVID-19 among patients with diabetes: an appraisal of the literature. Diabetologia, 2020, 63, 1440-1452.	2.9	121
38	An increase in insulin sensitivity and basal beta-cell function in diabetic subjects treated with pioglitazone in a placebo-controlled randomized study. Diabetic Medicine, 2004, 21, 568-576.	1.2	108
39	Prevalence of overweight and obesity in Sri Lankan adults. Obesity Reviews, 2010, 11, 751-756.	3.1	99
40	Effects of canagliflozin on amputation risk in type 2 diabetes: the CANVAS Program. Diabetologia, 2019, 62, 926-938.	2.9	94
41	Effect of Canagliflozin on Renal and Cardiovascular Outcomes across Different Levels of Albuminuria: Data from the CANVAS Program. Journal of the American Society of Nephrology: JASN, 2019, 30, 2229-2242.	3.0	93
42	Mediators of the Effects of Canagliflozin on HeartÂFailure in Patients With Type 2 Diabetes. JACC: Heart Failure, 2020, 8, 57-66.	1.9	93
43	Management of type 2 diabetes with the dual GIP/GLP-1 receptor agonist tirzepatide: a systematic review and meta-analysis. Diabetologia, 2022, 65, 1251-1261.	2.9	93
44	Expansion of the Homeostasis Model Assessment of $\hat{l}^2$ -Cell Function and Insulin Resistance to Enable Clinical Trial Outcome Modeling Through the Interactive Adjustment of Physiology and Treatment Effects: iHOMA2. Diabetes Care, 2013, 36, 2324-2330.	4.3	92
45	Optimizing the analysis strategy for the <scp>CANVAS</scp> Program: A prespecified plan for the integrated analyses of the <scp>CANVAS</scp> and <scp>CANVASâ€R</scp> trials. Diabetes, Obesity and Metabolism, 2017, 19, 926-935.	2.2	89
46	The hospital and home use of a 30-second hand-held blood ketone meter: guidelines for clinical practice. Diabetic Medicine, 2001, 18, 640-645.	1.2	88
47	Recent advances in the monitoring and management of diabetic ketoacidosis. QJM - Monthly Journal of the Association of Physicians, 2004, 97, 773-780.	0.2	88
48	Comparative efficacy of glucoseâ€kowering medications on body weight and blood pressure in patients with type 2 diabetes: A systematic review and network metaâ€analysis. Diabetes, Obesity and Metabolism, 2021, 23, 2116-2124.	2.2	79
49	Safety and tolerability of pioglitazone, metformin, and gliclazide in the treatment of type 2 diabetes. Diabetes Research and Clinical Practice, 2005, 70, 53-62.	1.1	77
50	Changes in Prandial Glucagon Levels After a 2-Year Treatment With Vildagliptin or Glimepiride in Patients With Type 2 Diabetes Inadequately Controlled With Metformin Monotherapy. Diabetes Care, 2010, 33, 730-732.	4.3	76
51	Efficacy and safety of canagliflozin when used in conjunction with incretinâ€mimetic therapy in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2016, 18, 82-91.	2.2	74
52	Presentations of major peripheral arterial disease and risk of major outcomes in patients with type 2 diabetes: results from the ADVANCE-ON study. Cardiovascular Diabetology, 2016, 15, 129.	2.7	73
53	Acute effect of fructose on postprandial lipaemia in diabetic and non-diabetic subjects. British Journal of Nutrition, 1998, 80, 169-175.	1.2	72
54	Semaglutide for type 2 diabetes mellitus: A systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2018, 20, 2255-2263.	2.2	71

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55	Efficacy and safety of onceâ€weekly glucagonâ€like peptide 1 receptor agonists for the management of type 2 diabetes: a systematic review and metaâ€analysis of randomized controlled trials. Diabetes, Obesity and Metabolism, 2015, 17, 1065-1074.	2.2	61
56	GLP-1 receptor agonists and SGLT2 inhibitors for older people with type 2 diabetes: A systematic review and meta-analysis. Diabetes Research and Clinical Practice, 2021, 174, 108737.	1.1	61
57	Canagliflozin and fracture risk in individuals with type 2 diabetes: results from the CANVAS Program. Diabetologia, 2019, 62, 1854-1867.	2.9	58
58	Oral semaglutide for type 2 diabetes: A systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2020, 22, 335-345.	2.2	54
59	Remote assessment of diabetic foot ulcers using a novel wound imaging system. Wound Repair and Regeneration, 2011, 19, 25-30.	1.5	52
60	Canagliflozin and Stroke in Type 2 Diabetes Mellitus. Stroke, 2019, 50, 396-404.	1.0	51
61	N of 1 trials in diabetes: making individual therapeutic decisions. Diabetologia, 2008, 51, 921-925.	2.9	46
62	Changes in Albuminuria and the Risk of Major Clinical Outcomes in Diabetes: Results From ADVANCE-ON. Diabetes Care, 2018, 41, 163-170.	4.3	46
63	Coefficient of failure: a methodology for examining longitudinal $\hat{l}^2$ -cell function in Type 2 diabetes. Diabetic Medicine, 2002, 19, 465-469.	1.2	44
64	Banting Memorial Lecture 2010 <sup>â^\$</sup> . Type 2 diabetes as an â€~infectious' disease: is this the Black Death of the 21st century?. Diabetic Medicine, 2011, 28, 2-9.	1.2	43
65	The place of gliclazide MR in the evolving type 2 diabetes landscape: A comparison with other sulfonylureas and newer oral antihyperglycemic agents. Diabetes Research and Clinical Practice, 2018, 143, 1-14.	1.1	43
66	Four decades of uncertainty: landmark trials in glycaemic control and cardiovascular outcome in type 2 diabetes. Diabetes and Vascular Disease Research, 2008, 5, 216-218.	0.9	40
67	Relative and Absolute Risk Reductions in Cardiovascular and Kidney Outcomes With Canagliflozin Across KDIGO Risk Categories: Findings From the CANVAS Program. American Journal of Kidney Diseases, 2021, 77, 23-34.e1.	2.1	38
68	Insulin resistance and $\hat{l}^2$ -cell function - a clinical perspective. Diabetes, Obesity and Metabolism, 2001, 3, 28-33.	2.2	36
69	Efficacy and Safety of Canagliflozin Used in Conjunction with Sulfonylurea in Patients with Type 2 Diabetes Mellitus: A Randomized, Controlled Trial. Diabetes Therapy, 2015, 6, 289-302.	1.2	36
70	Children with Type 2 Diabetes: The Risks of Complications. Hormone Research in Paediatrics, 2002, 57, 34-39.	0.8	35
71	Community Interventions for Health (CIH): A novel approach to tackling the worldwide epidemic of chronic diseases. CVD Prevention and Control, 2011, 6, 47.	0.7	35
72	Study to determine the durability of glycaemic control with early treatment with a vildagliptinâ€"metformin combination regimen vs. standardâ€ofâ€care metformin monotherapyâ€"the <scp>VERIFY</scp> trial: a randomized doubleâ€blind trial. Diabetic Medicine, 2014, 31, 1178-1184.	1.2	35

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73	The diabetes epidemic in Sri Lanka – a growing problem. Ceylon Medical Journal, 2009, 51, 26.	0.1	35
74	Glucagonâ€like peptideâ€1 receptor agonists and microvascular outcomes in type 2 diabetes: A systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2019, 21, 188-193.	2.2	33
75	Unbiased and Flexible Iterative Computer Program to Achieve Glucose Clamping. Diabetes Care, 1989, 12, 156-159.	4.3	28
76	Management of Hyperglycemia in Type 2 Diabetes: A Patient-Centered Approach: Position Statement of the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). Diabetes Spectrum, 2012, 25, 154-171.	0.4	28
77	Response to Comments on Inzucchi et al. Management of Hyperglycemia in Type 2 Diabetes, 2015: A Patient-Centered Approach. Update to a Position Statement of the American Diabetes Association and the European Association for the Study of Diabetes. Diabetes Care 2015;38:140–149. Diabetes Care, 2015, 38. e128-e129.	4.3	25
78	Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. Diabetologia, 2021, 64, 2012-2025.	2.9	24
79	Prevalence, patterns, and associations of dyslipidemia among Sri Lankan adults—Sri Lanka Diabetes and Cardiovascular Study in 2005–2006. Journal of Clinical Lipidology, 2018, 12, 447-454.	0.6	23
80	Prediction of 10â€year vascular risk in patients with diabetes: the <scp>ADâ€ON</scp> risk score. Diabetes, Obesity and Metabolism, 2016, 18, 289-294.	2.2	21
81	Once-weekly dipeptidyl peptidase-4 inhibitors for type 2 diabetes: a systematic review and meta-analysis. Expert Opinion on Pharmacotherapy, 2017, 18, 843-851.	0.9	19
82	Sotagliflozin for patients with type <scp>2</scp> diabetes: A systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2022, 24, 106-114.	2.2	19
83	Ultraâ€rapidâ€acting insulins for adults with diabetes: A systematic review and metaâ€analysis. Diabetes, Obesity and Metabolism, 2021, 23, 2395-2401.	2.2	18
84	Successful Up-Scaled Population Interventions to Reduce Risk Factors for Non-Communicable Disease in Adults: Results from the International Community Interventions for Health (CIH) Project in China, India and Mexico. PLoS ONE, 2015, 10, e0120941.	1.1	17
85	Comparative efficacy and safety of glucoseâ€lowering drugs as adjunctive therapy for adults with type 1 diabetes: A systematic review and network metaâ€analysis. Diabetes, Obesity and Metabolism, 2021, 23, 822-831.	2.2	17
86	Evaluation of physical activity among adults with diabetes mellitus from Sri Lanka. International Archive of Medicine, 2014, 7, 15.	1,2	16
87	Plasma glucose in screening for diabetes and pre-diabetes: how much is too much? Analysis of fasting plasma glucose and oral glucose tolerance test in Sri Lankans. BMC Endocrine Disorders, 2019, 19, 11.	0.9	15
88	The Standard of Care in Type 2 Diabetes: Re-evaluating the Treatment Paradigm. Diabetes Therapy, 2019, 10, 1-13.	1.2	15
89	Insights from VERIFY: Early Combination Therapy Provides Better Glycaemic Durability Than a Stepwise Approach in Newly Diagnosed TypeÂ2 Diabetes. Diabetes Therapy, 2020, 11, 2465-2476.	1.2	15
90	Clinical outcomes with canagliflozin according to baseline body mass index: results from post hoc analyses of the CANVAS Program. Diabetes, Obesity and Metabolism, 2020, 22, 530-539.	2.2	14

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91	Early combination therapy delayed treatment escalation in newly diagnosed youngâ€onset type 2 diabetes: A subanalysis of the ⟨scp⟩VERIFY⟨ scp⟩ study. Diabetes, Obesity and Metabolism, 2021, 23, 245-251.	2.2	13
92	Effects of canagliflozin on myocardial infarction: a <i>post hoc</i> analysis of the CANVAS programme and CREDENCE trial. Cardiovascular Research, 2022, 118, 1103-1114.	1.8	13
93	Development and validation of a Diabetes Risk Score for screening undiagnosed diabetes in Sri Lanka (SLDRISK). BMC Endocrine Disorders, 2016, 16, 42.	0.9	12
94	Baseline characteristics in the VERIFY study: a randomized trial assessing the durability of glycaemic control with early vildagliptinâ€metformin combination in newly diagnosed Type 2 diabetes. Diabetic Medicine, 2019, 36, 505-513.	1.2	11
95	Fenofibrate and statin therapy, compared with placebo and statin, slows the development of retinopathy in type 2 diabetes patients of 10 years duration: the ACCORD study. Evidence-Based Medicine, 2011, 16, 45-46.	0.6	9
96	The UK Diabetes Research Network-an opportunity and a challenge. Diabetic Medicine, 2007, 24, 7-9.	1.2	8
97	Evaluation of Common Type 2 Diabetes Risk Variants in a South Asian Population of Sri Lankan Descent. PLoS ONE, 2014, 9, e98608.	1.1	8
98	A preâ€specified statistical analysis plan for the VERIFY study: Vildagliptin efficacy in combination with metformin for early treatment of T2DM. Diabetes, Obesity and Metabolism, 2019, 21, 2240-2247.	2.2	8
99	ADA/EASD position statement of the treatment of type 2 diabetes: Reply to Rodbard HW and Jellinger PS [letter], Scheen AJ [letter] and Ceriello A, Gallo M, Gentile S et al [letter]. Diabetologia, 2012, 55, 2856-2857.	2.9	6
100	Tobacco Smoking Among School Children in Colombo District, Sri Lanka. Asia-Pacific Journal of Public Health, 2015, 27, NP278-NP287.	0.4	6
101	An exploration of the heterogeneity in effects of SGLT2 inhibition on cardiovascular and all-cause mortality in the EMPA-REG OUTCOME, CANVAS Program, DECLARE-TIMI 58, and CREDENCE trials. International Journal of Cardiology, 2021, 324, 165-172.	0.8	6
102	Reasons for hospitalizations in patients with type 2 diabetes in the <scp>CANVAS</scp> programme: A secondary analysis. Diabetes, Obesity and Metabolism, 2021, 23, 2707-2715.	2.2	6
103	Insulin resistance and beta-cell function-a clinical perspective. Diabetes, Obesity and Metabolism, 2001, 3 Suppl 1, S28-33.	2.2	6
104	Effects of canagliflozin on initiation of insulin and other antihyperglycaemic agents in the <scp>CANVAS</scp> Program. Diabetes, Obesity and Metabolism, 2020, 22, 2199-2203.	2.2	5
105	Impending type 2 diabetes. Lancet, The, 2009, 373, 2178-2179.	6.3	4
106	Assessment of the effects of insulin secretagogues in humans. Diabetes, Obesity and Metabolism, 2000, 2, 271-283.	2.2	3
107	Review: Sulphonylureas and the rise and fall of beta-cell function. British Journal of Diabetes and Vascular Disease, 2005, 5, 192-196.	0.6	3
108	Methodology for Quantifying Fasting Glucose Homeostasis in Type 2 Diabetes: Observed Variability and Lability. Journal of Diabetes Science and Technology, 2013, 7, 640-645.	1.3	3

7

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109	Insulin resistance and beta-cell function - a clinical perspective. Diabetes, Obesity and Metabolism, 2001, 3 Suppl 1, 28-33.	2.2	3
110	Higher body mass index is associated with irregular and suppressed insulin pulsatility. Diabetes, Obesity and Metabolism, 2007, 9, 603-604.	2.2	2
111	Community Interventions for Health can support clinicians in advising patients to reduce tobacco use, improve dietary intake and increase physical activity. Journal of Clinical Nursing, 2016, 25, 3167-3175.	1.4	2
112	Among young Sri Lankan patients with diabetes, how do lipid profiles differ between those with and without metabolic syndrome?. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 3057-3063.	1.8	2
113	Exploring pain interference with motor skill learning in humans: a protocol for a systematic review. BMJ Open, 2021, 11, e045841.	0.8	2
114	ADVANCE. Diabetes, Obesity and Metabolism, 2020, 22, 3-4.	2.2	1
115	Comparative Effectiveness of Glucose-Lowering Drugs for Type 2 Diabetes. Annals of Internal Medicine, 2021, 174, 141.	2.0	1
116	An assessment of low carbohydrate or low fat diets for weight loss at two year's follow-up. Diabetic Medicine, 2009, 27, 363.	1.2	1
117	Dietary advice? Authors' response and erratum for †Effects of three months†diet after diagnosis of type 2 diabetes on plasma lipids and lipoproteins (UKPDS 45)'. Diabetic Medicine, 2001, 18, 251-251.	1.2	0
118	Chris Feudtner, Bittersweet: diabetes, insulin and the transformation of illness, Studies in Social Medicine, Chapel Hill and London, University of North Carolina Press, 2003, pp. xxii, 290, illus., £22.95, US\$29.95 (hardback 0-8078-2791-6) Medical History, 2005, 49, 117-118.	0.1	0
119	Pioglitazone/Metformin. Drugs, 2006, 66, 1878-1880.	4.9	0
120	Banting Memorial Lecture: reply from Matthews and Matthews. Typeâ€∫2 diabetes as an â€infectious'disease: is this the Black Death of the 21st century?. Diabetic Medicine, 2011, 28, 880-880.	1.2	0
121	NIHR Diabetes Research Network: the gold standard for clinical trials?. Practical Diabetes, 2012, 29, 317-319.	0.1	0
122	NIHR Diabetes Research Network: recruitment, recruitment, recruitment. Practical Diabetes, 2012, 29, 369-370.	0.1	0
123	Junior hospital doctors—time to rethink the terminology. Lancet, The, 2017, 390, 2033-2034.	6.3	0
124	Do clinical research networks work? The NIHR diabetes research network after 6 years. Clinical Investigation, 2012, 2, 971-974.	0.0	0