

# Nathan R Hill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1402558/publications.pdf>

Version: 2024-02-01

44  
papers

3,902  
citations

361296

20  
h-index

243529

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

7486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Prevalence of Chronic Kidney Disease – A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0158765.	1.1	2,336
2	Normal Reference Range for Mean Tissue Glucose and Glycemic Variability Derived from Continuous Glucose Monitoring for Subjects Without Diabetes in Different Ethnic Groups. Diabetes Technology and Therapeutics, 2011, 13, 921-928.	2.4	279
3	Preventing delirium: should non-pharmacological, multicomponent interventions be used? A systematic review and meta-analysis of the literature. Age and Ageing, 2015, 44, 196-204.	0.7	145
4	A method for assessing quality of control from glucose profiles. Diabetic Medicine, 2007, 24, 753-758.	1.2	108
5	Validation of Continuous Glucose Monitoring in Children and Adolescents With Cystic Fibrosis. Diabetes Care, 2009, 32, 1020-1022.	4.3	92
6	Expansion of the Homeostasis Model Assessment of $\beta$ -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
7	Predicting atrial fibrillation in primary care using machine learning. PLoS ONE, 2019, 14, e0224582.	1.1	88
8	Plasma melatonin is reduced in Huntington's disease. Movement Disorders, 2014, 29, 1511-1515.	2.2	81
9	A Homozygous R262Q Mutation in the Gonadotropin-Releasing Hormone Receptor Presenting as Constitutional Delay of Growth and Puberty with Subsequent Borderline Oligospermia. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 5117-5121.	1.8	62
10	Self-monitoring of Blood Pressure in Patients With Hypertension-Related Multi-morbidity: Systematic Review and Individual Patient Data Meta-analysis. American Journal of Hypertension, 2020, 33, 243-251.	1.0	46
11	A Metabolic Study of Huntington's Disease. PLoS ONE, 2016, 11, e0146480.	1.1	41
12	Sleep apnea predicts distinct alterations in glucose homeostasis and biomarkers in obese adults with normal and impaired glucose metabolism. Cardiovascular Diabetology, 2010, 9, 83.	2.7	39
13	Low Circulating Levels of IGF-1 in Healthy Adults Are Associated With Reduced $\beta$ -Cell Function, Increased Intramyocellular Lipid, and Enhanced Fat Utilization During Fasting. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2198-2207.	1.8	39
14	A systematic review of network meta-analyses among patients with nonvalvular atrial fibrillation: A comparison of efficacy and safety following treatment with direct oral anticoagulants. International Journal of Cardiology, 2018, 269, 174-181.	0.8	39
15	Effects of prolonged fasting and sustained lipolysis on insulin secretion and insulin sensitivity in normal subjects. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E454-E461.	1.8	38
16	Prevalence of chronic kidney disease in the community using data from OxRen: a UK population-based cohort study. British Journal of General Practice, 2020, 70, e285-e293.	0.7	37
17	Detecting undiagnosed atrial fibrillation in UK primary care: Validation of a machine learning prediction algorithm in a retrospective cohort study. European Journal of Preventive Cardiology, 2021, 28, 598-605.	0.8	32
18	Deconvolution analysis of 24h serum cortisol profiles informs the amount and distribution of hydrocortisone replacement therapy. Clinical Endocrinology, 2013, 78, 347-351.	1.2	27

#	ARTICLE	IF	CITATIONS
19	The Pregnancy-induced Increase in Baseline Circulating Growth Hormone in Rats is not Induced by Ghrelin. <i>Journal of Neuroendocrinology</i> , 2008, 20, 309-322.	1.2	22
20	A 24-Hour Study of the Hypothalamo-Pituitary Axes in Huntington's Disease. <i>PLoS ONE</i> , 2015, 10, e0138848.	1.1	22
21	Updated Software for Automated Assessment of Glucose Variability and Quality of Glycemic Control in Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 701-708.	2.4	22
22	Assessment of Glucose Control Metrics by Discriminant Ratio. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 719-726.	2.4	22
23	Maternal hyperinsulinism and glycaemic status in the first trimester of pregnancy are associated with the development of pregnancy-induced hypertension and gestational diabetes. <i>European Journal of Endocrinology</i> , 2013, 168, 413-418.	1.9	20
24	Anticoagulant selection for patients with VTE—Evidence from a systematic literature review of network meta-analyses. <i>Pharmacological Research</i> , 2019, 143, 166-177.	3.1	17
25	A Systematic Review of Network Meta-Analyses and Real-World Evidence Comparing Apixaban and Rivaroxaban in Nonvalvular Atrial Fibrillation. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2020, 26, 107602961989876.	0.7	15
26	Cost-effectiveness of targeted screening for the identification of patients with atrial fibrillation: evaluation of a machine learning risk prediction algorithm. <i>Journal of Medical Economics</i> , 2020, 23, 386-393.	1.0	15
27	Identification of undiagnosed atrial fibrillation patients using a machine learning risk prediction algorithm and diagnostic testing (PULsE-AI): Study protocol for a randomised controlled trial. <i>Contemporary Clinical Trials</i> , 2020, 99, 106191.	0.8	14
28	Proliferation Rates of Multiple Endocrine Neoplasia Type 1 (MEN1)-Associated Tumors. <i>Endocrinology</i> , 2012, 153, 5167-5179.	1.4	13
29	Glycaemic risk assessment in children and young people with Type 1 diabetes mellitus. <i>Diabetic Medicine</i> , 2009, 26, 740-743.	1.2	12
30	Trends in kidney function testing in UK primary care since the introduction of the quality and outcomes framework: a retrospective cohort study using CPRD. <i>BMJ Open</i> , 2019, 9, e028062.	0.8	11
31	The effect of prolonged fasting on levels of growth hormone-binding protein and free growth hormone. <i>Growth Hormone and IGF Research</i> , 2012, 22, 76-81.	0.5	9
32	Cyclical Variation in HbA1c Values During the Year: Clinical and Research Implications. <i>Diabetes Care</i> , 2013, 36, e175-e176.	4.3	9
33	Application of a machine learning algorithm for detection of atrial fibrillation in secondary care. <i>IJC Heart and Vasculature</i> , 2020, 31, 100674.	0.6	8
34	Identification of undiagnosed atrial fibrillation using a machine learning risk-prediction algorithm and diagnostic testing (PULsE-AI) in primary care: a multi-centre randomized controlled trial in England. <i>European Heart Journal Digital Health</i> , 2022, 3, 195-204.	0.7	8
35	The Oxford Renal (OxRen) cross-sectional study of chronic kidney disease in the UK. <i>BMJ Open</i> , 2013, 3, e004265.	0.8	7
36	Using machine learning to predict anticoagulation control in atrial fibrillation: A UK Clinical Practice Research Datalink study. <i>Informatics in Medicine Unlocked</i> , 2021, 25, 100688.	1.9	7

#	ARTICLE	IF	CITATIONS
37	Identification of undiagnosed atrial fibrillation using a machine learning risk prediction algorithm and diagnostic testing (PULsE-AI) in primary care: cost-effectiveness of a screening strategy evaluated in a randomized controlled trial in England. <i>Journal of Medical Economics</i> , 2022, 25, 974-983.	1.0	7
38	Investigating the sustainability of careers in academic primary care: a UK survey. <i>BMC Family Practice</i> , 2014, 15, 205.	2.9	5
39	Pioglitazone and metformin. <i>Drugs of Today</i> , 2007, 43, 443.	0.7	5
40	Methodology for Quantifying Fasting Glucose Homeostasis in Type 2 Diabetes: Observed Variability and Lability. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 640-645.	1.3	3
41	Higher body mass index is associated with irregular and suppressed insulin pulsatility. <i>Diabetes, Obesity and Metabolism</i> , 2007, 9, 603-604.	2.2	2
42	The Journal of Comorbidity Affiliates with the Society for Academic Primary Care. <i>Journal of Comorbidity</i> , 2016, 6, 73-75.	3.9	2
43	Evolution of the burden of active hepatitis C virus infection in England from September 2015 to September 2016: a repeated cross-sectional analysis. <i>BMJ Open</i> , 2019, 9, e029066.	0.8	2
44	Conference Scene: Conference report on the 4th Annual International Conference on Advanced Technologies & Treatments for Diabetes. <i>Diabetes Management</i> , 2011, 1, 269-270.	0.5	0