

# Katharine R Owen

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

3,511  
citations

471371

17  
h-index

454834

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

9188  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
2	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.3	615
3	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
4	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	9.4	365
5	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	9.4	286
6	Assessment of High-Sensitivity C-Reactive Protein Levels as Diagnostic Discriminator of Maturity-Onset Diabetes of the Young Due to <i>HNF1A</i> Mutations. <i>Diabetes Care</i> , 2010, 33, 1919-1924.	4.3	103
7	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	9.4	89
8	Genetics of type 2 diabetes. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 239-244.	1.5	77
9	Logistic regression has similar performance to optimised machine learning algorithms in a clinical setting: application to the discrimination between type 1 and type 2 diabetes in young adults. <i>Diagnostic and Prognostic Research</i> , 2020, 4, 6.	0.8	69
10	Genetics of Monogenic Diabetes: Present Clinical Challenges. <i>Current Diabetes Reports</i> , 2018, 18, 141.	1.7	50
11	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.3	47
12	Plasma Fucosylated Glycans and C-Reactive Protein as Biomarkers of <i>HNF1A</i> -MODY in Young Adults with Onset Nonautoimmune Diabetes. <i>Diabetes Care</i> , 2019, 42, 17-26.	4.3	44
13	Language matters. Addressing the use of language in the care of people with diabetes: position statement of the English Advisory Group. <i>Diabetic Medicine</i> , 2018, 35, 1630-1634.	1.2	36
14	Common Variation in the <i>LMNA</i> Gene (Encoding Lamin A/C) and Type 2 Diabetes: Association Analyses in 9,518 Subjects. <i>Diabetes</i> , 2007, 56, 879-883.	0.3	34
15	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	2.4	31
16	Self-management of Diabetes in Children and Young Adults Using Technology and Smartphone Applications. <i>Current Diabetes Reviews</i> , 2014, 10, 298-301.	0.6	31
17	Monogenic diabetes in adults: what are the new developments?. <i>Current Opinion in Genetics and Development</i> , 2018, 50, 103-110.	1.5	28
18	When to consider a diagnosis of MODY at the presentation of diabetes: aetiology matters for correct management. <i>British Journal of General Practice</i> , 2016, 66, e457-e459.	0.7	19

#	ARTICLE	IF	CITATIONS
19	Maturity onset diabetes of the young due to HNF1A variants in Croatia. <i>Biochemia Medica</i> , 2018, 28, 020703.	1.2	17
20	The correlation between breath acetone and blood betahydroxybutyrate in individuals with type 1 diabetes. <i>Journal of Breath Research</i> , 2021, 15, 017101.	1.5	16
21	The clinical application of non-genetic biomarkers for differential diagnosis of monogenic diabetes. <i>Diabetes Research and Clinical Practice</i> , 2009, 86, S15-S21.	1.1	13
22	Interlaboratory evaluation of plasma N-glycan antennary fucosylation as a clinical biomarker for HNF1A-MODY using liquid chromatography methods. <i>Glycoconjugate Journal</i> , 2021, 38, 375-386.	1.4	10
23	Traditional clinical criteria outperform high-sensitivity C-reactive protein for the screening of hepatic nuclear factor 1 alpha maturity-onset diabetes of the young among young Asians with diabetes. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2018, 9, 271-282.	1.4	6
24	Altered cortisol metabolism in individuals with HNF1A-MODY. <i>Clinical Endocrinology</i> , 2020, 93, 269-279.	1.2	4
25	Fucosylated AGP glycopeptides as biomarkers of HNF1A-Maturity onset diabetes of the young. <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109226.	1.1	4
26	Development of an exoglycosidase plate-based assay for detecting $\alpha$ 1-3,4 fucosylation biomarker in individuals with HNF1A-MODY. <i>Glycobiology</i> , 2022, 32, 230-238.	1.3	3
27	Type 2 diabetes in the young: why we should worry. <i>Practical Diabetes</i> , 2014, 31, 225-227.	0.1	2