

# Mairead L Bermingham

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2840845/publications.pdf>

Version: 2024-02-01

34  
papers

1,701  
citations

394421

19  
h-index

377865

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of high-dimensional feature selection: evaluation for genomic prediction in man. <i>Scientific Reports</i> , 2015, 5, 10312.	3.3	233
2	Epigenetic prediction of complex traits and death. <i>Genome Biology</i> , 2018, 19, 136.	8.8	146
3	An epigenome-wide association study of sex-specific chronological ageing. <i>Genome Medicine</i> , 2020, 12, 1.	8.2	117
4	Genetics of animal health and disease in cattle. <i>Irish Veterinary Journal</i> , 2011, 64, 5.	2.1	103
5	Genome-wide association study identifies novel loci associated with resistance to bovine tuberculosis. <i>Heredity</i> , 2014, 112, 543-551.	2.6	92
6	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020, 6, eaax0301.	10.3	90
7	Implementing biosecurity measures on dairy farms in Ireland. <i>Veterinary Journal</i> , 2013, 197, 259-267.	1.7	84
8	A meta-analysis of genome-wide association studies of epigenetic age acceleration. <i>PLoS Genetics</i> , 2019, 15, e1008104.	3.5	83
9	Canine Brachycephaly Is Associated with a Retrotransposon-Mediated Missplicing of SMOC2. <i>Current Biology</i> , 2017, 27, 1573-1584.e6.	3.9	80
10	Identification of epigenome-wide DNA methylation differences between carriers of APOE $\epsilon$ 4 and APOE $\epsilon$ 2 alleles. <i>Genome Medicine</i> , 2021, 13, 1.	8.2	76
11	N-Glycan Profile and Kidney Disease in Type 1 Diabetes. <i>Diabetes Care</i> , 2018, 41, 79-87.	8.6	75
12	Genetics of tuberculosis in Irish Holstein-Friesian dairy herds. <i>Journal of Dairy Science</i> , 2009, 92, 3447-3456.	3.4	71
13	Epigenetic signatures of starting and stopping smoking. <i>EBioMedicine</i> , 2018, 37, 214-220.	6.1	67
14	Genomic Prediction for Tuberculosis Resistance in Dairy Cattle. <i>PLoS ONE</i> , 2014, 9, e96728.	2.5	42
15	Characterisation of an inflammation-related epigenetic score and its association with cognitive ability. <i>Clinical Epigenetics</i> , 2020, 12, 113.	4.1	38
16	Field-Isolated Genotypes of <i>Mycobacterium bovis</i> Vary in Virulence and Influence Case Pathology but Do Not Affect Outbreak Size. <i>PLoS ONE</i> , 2013, 8, e74503.	2.5	31
17	Genomic prediction of complex human traits: relatedness, trait architecture and predictive meta-models. <i>Human Molecular Genetics</i> , 2015, 24, 4167-4182.	2.9	24
18	Bias, Accuracy, and Impact of Indirect Genetic Effects in Infectious Diseases. <i>Frontiers in Genetics</i> , 2012, 3, 215.	2.3	23

#	ARTICLE	IF	CITATIONS
19	Hui and Walter's latent-class model extended to estimate diagnostic test properties from surveillance data: a latent model for latent data. <i>Scientific Reports</i> , 2015, 5, 11861.	3.3	22
20	Identification of novel differentially methylated sites with potential as clinical predictors of impaired respiratory function and COPD. <i>EBioMedicine</i> , 2019, 43, 576-586.	6.1	21
21	Environmental risk factors associated with amoebic gill disease in cultured salmon, <i>Salmo salar</i> L., smolts in Ireland. <i>Journal of Fish Diseases</i> , 2004, 27, 555-571.	1.9	18
22	Genetic correlations between measures of <i>Mycobacterium bovis</i> infection and economically important traits in Irish Holstein-Friesian dairy cows. <i>Journal of Dairy Science</i> , 2010, 93, 5413-5422.	3.4	18
23	Birth weight associations with DNA methylation differences in an adult population. <i>Epigenetics</i> , 2021, 16, 783-796.	2.7	18
24	Epigenome-wide association study of alcohol consumption in 8161 individuals and relevance to alcohol use disorder pathophysiology: identification of the cystine/glutamate transporter SLC7A11 as a top target. <i>Molecular Psychiatry</i> , 2022, 27, 1754-1764.	7.9	18
25	Fine-mapping host genetic variation underlying outcomes to <i>Mycobacterium bovis</i> infection in dairy cows. <i>BMC Genomics</i> , 2017, 18, 477.	2.8	16
26	<i>Neoparamoeba</i> sp. and other protozoans on the gills of Atlantic salmon <i>Salmo salar</i> smolts in seawater. <i>Diseases of Aquatic Organisms</i> , 2007, 76, 231-240.	1.0	14
27	DNA methylation in APOE: The relationship with Alzheimer's and with cardiovascular health. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12026.	3.7	14
28	Detectability of bovine TB using the tuberculin skin test does not vary significantly according to pathogen genotype within Northern Ireland. <i>Infection, Genetics and Evolution</i> , 2013, 19, 15-22.	2.3	13
29	A Case-control Study in an Orcadian Population Investigating the Relationship between Human Plasma N-glycans and Metabolic Syndrome. <i>Journal of Glycomics &amp; Lipidomics</i> , 2016, 6, .	0.4	9
30	Microfauna associated with amoebic gill disease in sea-farmed Atlantic salmon, <i>Salmo salar</i> L., smolts. <i>Journal of Fish Diseases</i> , 2006, 29, 455-465.	1.9	8
31	Evidence for genetic variance in resistance to tuberculosis in Great Britain and Irish Holstein-Friesian populations. <i>BMC Proceedings</i> , 2011, 5, S15.	1.6	8
32	Epigenome-wide analyses identify DNA methylation signatures of dementia risk. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12078.	2.4	8
33	Epidemiology of squamous cell carcinomas in rudd <i>Scardinius erythrophthalmus</i> from SE Ireland. <i>Diseases of Aquatic Organisms</i> , 2008, 80, 145-156.	1.0	4
34	Loss of SORCS2 is Associated with Neuronal DNA Double-Strand Breaks. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 237-249.	3.3	4