Jessica Tyrrell

List of Publications by Year
in descending order

72	7,114	117453 34	88477 70
papers	citations	h-index	g-index

80	80	80	12156
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigating the effect of sexual behaviour on oropharyngeal cancer risk: a methodological assessment of Mendelian randomization. BMC Medicine, 2022, 20, 40.	2.3	9
2	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation. ELife, 2022, 11, .	2.8	10
3	Simulated distributions from negative experiments highlight the importance of the body mass index distribution in explaining depressionâ€“body mass index genetic risk score interactions. International Journal of Epidemiology, 2022, 51, 1581-1592.	0.9	2
4	Fetal alleles predisposing to metabolically favorable adiposity are associated with higher birth weight. Human Molecular Genetics, 2022, 31, 1762-1775.	1.4	2
5	Is disrupted sleep a risk factor for Alzheimerâ€™s disease? Evidence from a two-sample Mendelian randomization analysis. International Journal of Epidemiology, 2021, 50, 817-828.	0.9	31
6	Genetically defined favourable adiposity is not associated with a clinically meaningful difference in clinical course in people with type 2 diabetes but does associate with a favourable metabolic profile. Diabetic Medicine, 2021, 38, e14531.	1.2	1
7	Genetic predictors of participation in optional components of UK Biobank. Nature Communications, 2021, 12, 886.	5.8	106
8	Using genetic variants to evaluate the causal effect of cholesterol lowering on head and neck cancer risk: A Mendelian randomization study. PLoS Genetics, 2021, 17, e1009525.	1.5	15
9	Genetic Evidence for Different Adiposity Phenotypes and Their Opposing Influences on Ectopic Fat and Risk of Cardiometabolic Disease. Diabetes, 2021, 70, 1843-1856.	0.3	42
10	A genome-wide association study identifies 5 loci associated with frozen shoulder and implicates diabetes as a causal risk factor. PLoS Genetics, 2021, 17, e1009577.	1.5	23
11	Using Mendelian Randomisation methods to understand whether diurnal preference is causally related to mental health. Molecular Psychiatry, 2021, 26, 6305-6316.	4.1	26
12	Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397.	13.7	183
13	Higher maternal adiposity reduces offspring birthweight if associated with a metabolically favourable profile. Diabetologia, 2021, 64, 2790-2802.	2.9	9
14	Mendelian randomization to investigate the link between TSH and thyroid cancer. Endocrine-Related Cancer, 2021, 28, L11-L14.	1.6	0
15	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	4.1	83
16	Effects of body mass index on relationship status, social contact and socio-economic position: Mendelian randomization and within-sibling study in UK Biobank. International Journal of Epidemiology, 2020, 49, 1173-1184.	0.9	42
17	IgA Nephropathy Genetic Risk Score to Estimate the Prevalence of IgA Nephropathy in UK Biobank. Kidney International Reports, 2020, 5, 1643-1650.	0.4	15
18	A multivariable Mendelian randomization analysis investigating smoking and alcohol consumption in oral and oropharyngeal cancer. Nature Communications, 2020, 11, 6071.	5.8	51

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19	The causal effects of health conditions and risk factors on social and socioeconomic outcomes: Mendelian randomization in UK Biobank. International Journal of Epidemiology, 2020, 49, 1661-1681.	0.9	33
20	Does Obesity Cause Thyroid Cancer? A Mendelian Randomization Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2398-e2407.	1.8	40
21	Large Copy-Number Variants in UK Biobank Caused by Clonal Hematopoiesis May Confound Penetrance Estimates. American Journal of Human Genetics, 2020, 107, 325-329.	2.6	6
22	Clinical Features and Genetic Risk of Demyelination Following Anti-TNF Treatment. Journal of Crohn's and Colitis, 2020, 14, 1653-1661.	0.6	9
23	Genetic evidence that higher central adiposity causes gastro-oesophageal reflux disease: a Mendelian randomization study. International Journal of Epidemiology, 2020, 49, 1270-1281.	0.9	20
24	Using human genetics to understand the disease impacts of testosterone in men and women. Nature Medicine, 2020, 26, 252-258.	15.2	384
25	A Mendelian Randomization Study Provides Evidence That Adiposity and Dyslipidemia Lead to Lower Urinary Albumin-to-Creatinine Ratio, a Marker of Microvascular Function. Diabetes, 2020, 69, 1072-1082.	0.3	10
26	Mendelian randomization supports a causative effect of TSH on thyroid carcinoma. Endocrine-Related Cancer, 2020, 27, 551-559.	1.6	6
27	Mendelian randomization supports a causative effect of TSH on thyroid carcinoma. Endocrine-Related Cancer, 2020, 27, Z1.	1.6	0
28	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. Nature Communications, 2019, 10, 3503.	5.8	117
29	A genome-wide association study implicates multiple mechanisms influencing raised urinary albuminâ€“creatinine ratio. Human Molecular Genetics, 2019, 28, 4197-4207.	1.4	16
30	Genome-wide association analysis of diverticular disease points towards neuromuscular, connective tissue and epithelial pathomechanisms. Gut, 2019, 68, 854-865.	6.1	84
31	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. Nature Communications, 2019, 10, 343.	5.8	417
32	Assessing the Pathogenicity, Penetrance, and Expressivity of Putative Disease-Causing Variants in a Population Setting. American Journal of Human Genetics, 2019, 104, 275-286.	2.6	158
33	Association of maternal circulating 25(OH)D and calcium with birth weight: A mendelian randomisation analysis. PLoS Medicine, 2019, 16, e1002828.	3.9	39
34	Genome-Wide Association Study of Microscopic Colitis in the UK Biobank Confirms Immune-Related Pathogenesis. Journal of Crohn's and Colitis, 2019, 13, 1578-1582.	0.6	32
35	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	9.4	402
36	Genome-wide association study identifies genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates. Nature Communications, 2019, 10, 1100.	5.8	369

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37	Genetic studies of accelerometer-based sleep measures yield new insights into human sleep behaviour. Nature Communications, 2019, 10, 1585.	5.8	189
38	Biological and clinical insights from genetics of insomnia symptoms. Nature Genetics, 2019, 51, 387-393.	9.4	250
39	Mosaic Turner syndrome shows reduced penetrance in an adult population study. Genetics in Medicine, 2019, 21, 877-886.	1.1	88
40	GWAS Identifies Risk Locus for Erectile Dysfunction and Implicates Hypothalamic Neurobiology and Diabetes in Etiology. American Journal of Human Genetics, 2019, 104, 157-163.	2.6	55
41	Using genetics to understand the causal influence of higher BMI on depression. International Journal of Epidemiology, 2019, 48, 834-848.	0.9	156
42	Regression Analysis of Protoporphyrin IX Measurements Obtained During Dermatological Photodynamic Therapy. Cancers, 2019, 11, 72.	1.7	14
43	Response to Prakash et al.. Genetics in Medicine, 2019, 21, 1884-1885.	1.1	5
44	Genome-Wide and Abdominal MRI Data Provide Evidence That a Genetically Determined Favorable Adiposity Phenotype Is Characterized by Lower Ectopic Liver Fat and Lower Risk of Type 2 Diabetes, Heart Disease, and Hypertension. Diabetes, 2019, 68, 207-219.	0.3	72
45	Meta-analysis of genome-wide association studies for body fat distribution in 694Â649 individuals of European ancestry. Human Molecular Genetics, 2019, 28, 166-174.	1.4	752
46	Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756.	1.4	156
47	A Common Allele in FGF21 Associated with Sugar Intake Is Associated with Body Shape, Lower Total Body-Fat Percentage, and Higher Blood Pressure. Cell Reports, 2018, 23, 327-336.	2.9	76
48	Stress and Unusual Events Exacerbate Symptoms in MeniÃ¨re's Disease: A Longitudinal Study. Otology and Neurotology, 2018, 39, 73-81.	0.7	14
49	Quantifying the extent to which index event biases influence large genetic association studies. Human Molecular Genetics, 2017, 26, ddw433.	1.4	40
50	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
51	A day in the life of a MÃ©niÃ¨re's patient: understanding the lived experiences and mental health impacts of MÃ©niÃ¨re's disease. Sociology of Health and Illness, 2017, 39, 680-695.	1.1	6
52	Geneâ€“obesogenic environment interactions in the UK Biobank study. International Journal of Epidemiology, 2017, 46, dyw337.	0.9	159
53	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. Nature Communications, 2017, 8, 744.	5.8	64
54	Red blood cell distribution width: Genetic evidence for aging pathways in 116,666 volunteers. PLoS ONE, 2017, 12, e0185083.	1.1	49

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55	Authorsâ€™ reply to Toth. BMJ, The, 2016, 353, i1892.	3.0	0
56	The Cost of MÃ©niÃ¨reâ€™s Disease: A Novel Multisource Approach. Ear and Hearing, 2016, 37, e202-e209.	1.0	38
57	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. Diabetes, 2016, 65, 2448-2460.	0.3	122
58	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	13.7	406
59	MÃ©niÃ¨re's disease and biographical disruption: Where family transitions collide. Social Science and Medicine, 2016, 166, 177-185.	1.8	25
60	Height, body mass index, and socioeconomic status: mendelian randomisation study in UK Biobank. BMJ, The, 2016, 352, i582.	3.0	247
61	Variants in the FTO and CDKAL1 loci have recessive effects on risk of obesity and type 2 diabetes, respectively. Diabetologia, 2016, 59, 1214-1221.	2.9	65
62	Genetic evidence that lower circulating FSH levels lengthen menstrual cycle, increase age at menopause and impact female reproductive health. Human Reproduction, 2016, 31, 473-481.	0.4	51
63	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. JAMA - Journal of the American Medical Association, 2016, 315, 1129.	3.8	220
64	Genome-Wide Association Analyses in 128,266 Individuals Identifies New Morningness and Sleep Duration Loci. PLoS Genetics, 2016, 12, e1006125.	1.5	308
65	Human longevity is influenced by many genetic variants: evidence from 75,000 UK Biobank participants. Aging, 2016, 8, 547-560.	1.4	113
66	Heavier smoking may lead to a relative increase in waist circumference: evidence for a causal relationship from a Mendelian randomisation meta-analysis. The CARTA consortium: TableÂ1. BMJ Open, 2015, 5, e008808.	0.8	53
67	Stratification by Smoking Status Reveals an Association of CHRNA5-A3-B4 Genotype with Body Mass Index in Never Smokers. PLoS Genetics, 2014, 10, e1004799.	1.5	45
68	Associations between socioeconomic status and environmental toxicant concentrations in adults in the USA: NHANES 2001â€“2010. Environment International, 2013, 59, 328-335.	4.8	176
69	High Urinary Tungsten Concentration Is Associated with Stroke in the National Health and Nutrition Examination Survey 1999â€“2010. PLoS ONE, 2013, 8, e77546.	1.1	47
70	Monitoring the accumulation and dissipation of the photosensitizer protoporphyrin IX during standard dermatological methyl-aminolevulinate photodynamic therapy utilizing non-invasive fluorescence imaging and quantification. Photodiagnosis and Photodynamic Therapy, 2011, 8, 30-38.	1.3	21
71	Validation of a non-invasive fluorescence imaging system to monitor dermatological PDT. Photodiagnosis and Photodynamic Therapy, 2010, 7, 86-97.	1.3	25
72	Protoporphyrin IX photobleaching during the light irradiation phase of standard dermatological methyl-aminolevulinate photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2010, 7, 232-238.	1.3	23