Tracy O'Mara

List of Publications by Year
in descending order

79 papers	4,410 citations	172207 29 h-index	123241 61 g-index
90 all docs	90 docs citations	90 times ranked	8653 citing authors

#	Article	IF	Citations
1	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841.	9.4	426
2	Identification of seven new prostate cancer susceptibility loci through a genome-wide association study. Nature Genetics, 2009, 41, 1116-1121.	9.4	389
3	Using human genetics to understand the disease impacts of testosterone in men and women. Nature Medicine, 2020, 26, 252-258.	15.2	384
4	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. JAMA Oncology, 2017, 3, 636.	3.4	376
5	The OncoArray Consortium: A Network for Understanding the Genetic Architecture of Common Cancers. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 126-135.	1.1	278
6	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. Nature Genetics, 2020, 52, 572-581.	9.4	265
7	Identification of nine new susceptibility loci for endometrial cancer. Nature Communications, 2018, 9, 3166.	5.8	178
8	Multiple Novel Prostate Cancer Predisposition Loci Confirmed by an International Study: The PRACTICAL Consortium. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 2052-2061.	1.1	148
9	Genome-wide association study identifies a common variant associated with risk of endometrial cancer. Nature Genetics, 2011, 43, 451-454.	9.4	141
10	Evidence of a Causal Association Between Insulinemia and Endometrial Cancer: A Mendelian Randomization Analysis. Journal of the National Cancer Institute, 2015, 107, .	3.0	129
11	Five endometrial cancer risk loci identified through genome-wide association analysis. Nature Genetics, 2016, 48, 667-674.	9.4	77
12	Assessment of polygenic architecture and risk prediction based on common variants across fourteen cancers. Nature Communications, 2020, 11, 3353.	5.8	75
13	Genetic Risk Score Mendelian Randomization Shows that Obesity Measured as Body Mass Index, but not Waist:Hip Ratio, Is Causal for Endometrial Cancer. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1503-1510.	1.1	64
14	CYP19A1 fine-mapping and Mendelian randomization: estradiol is causal for endometrial cancer. Endocrine-Related Cancer, 2016, 23, 77-91.	1.6	62
15	Genetic overlap between endometriosis and endometrial cancer: evidence from crossâ€disease genetic correlation and GWAS metaâ€analyses. Cancer Medicine, 2018, 7, 1978-1987.	1.3	62
16	Enhancing the Promise of Drug Repositioning through Genetics. Frontiers in Pharmacology, 2017, 8, 896.	1.6	59
17	The Obesity-Associated Polymorphisms FTO rs9939609 and MC4R rs17782313 and Endometrial Cancer Risk in Non-Hispanic White Women. PLoS ONE, 2011, 6, e16756.	1.1	58
18	A Large-Scale Analysis of Genetic Variants within Putative miRNA Binding Sites in Prostate Cancer. Cancer Discovery, 2015, 5, 368-379.	7.7	56

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19	A plugin for the Ensembl Variant Effect Predictor that uses MaxEntScan to predict variant spliceogenicity. Bioinformatics, 2019, 35, 2315-2317.	1.8	52
20	Fine-mapping of the HNF1B multicancer locus identifies candidate variants that mediate endometrial cancer risk. Human Molecular Genetics, 2015, 24, 1478-1492.	1.4	50
21	Meta-analysis of gene expression studies in endometrial cancer identifies gene expression profiles associated with aggressive disease and patient outcome. Scientific Reports, 2016, 6, 36677.	1.6	48
22	Genome-wide association study of endometrial cancer in E2C2. Human Genetics, 2014, 133, 211-224.	1.8	42
23	A comprehensive re-assessment of the association between vitamin D and cancer susceptibility using Mendelian randomization. Nature Communications, 2021, 12, 246.	5.8	39
24	Meta-analysis of genome-wide association studies identifies common susceptibility polymorphisms for colorectal and endometrial cancer near SH2B3 and TSHZ1. Scientific Reports, 2015, 5, 17369.	1.6	35
25	Mendelian randomization analyses suggest a role for cholesterol in the development of endometrial cancer. International Journal of Cancer, 2021, 148, 307-319.	2.3	35
26	Candidate locus analysis of the TERTâ€“CLPTM1L cancer risk region on chromosome 5p15 identifies multiple independent variants associated with endometrial cancer risk. Human Genetics, 2015, 134, 231-245.	1.8	34
27	Endometrial cancer risk and survival by tumor MMR status. Journal of Gynecologic Oncology, 2018, 29, e39.	1.0	34
28	Co-existence of leiomyomas, adenomyosis and endometriosis in women with endometrial cancer. Scientific Reports, 2020, 10, 3621.	1.6	33
29	Genome-Wide Association Study Identifies a Possible Susceptibility Locus for Endometrial Cancer. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 980-987.	1.1	32
30	A Common Variant at the 14q32 Endometrial Cancer Risk Locus Activates AKT1 through YY1 Binding. American Journal of Human Genetics, 2016, 98, 1159-1169.	2.6	32
31	Genome-Wide Association Studies of Endometrial Cancer: Latest Developments and Future Directions. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1095-1102.	1.1	32
32	Common variation in Kallikrein genes KLK5, KLK6, KLK12, and KLK13 and risk of prostate cancer and tumor aggressiveness. Urologic Oncology: Seminars and Original Investigations, 2013, 31, 635-643.	0.8	30
33	Family history of cancer predicts endometrial cancer risk independently of Lynch Syndrome: Implications for genetic counselling. Gynecologic Oncology, 2017, 147, 381-387.	0.6	30
34	Analysis of Promoter-Associated Chromatin Interactions Reveals Biologically Relevant Candidate Target Genes at Endometrial Cancer Risk Loci. Cancers, 2019, 11, 1440.	1.7	29
35	Vascular endothelial growth factor gene polymorphisms and ovarian cancer survival. Gynecologic Oncology, 2010, 119, 479-483.	0.6	26
36	Evaluation of copy-number variants as modifiers of breast and ovarian cancer risk for BRCA1 pathogenic variant carriers. European Journal of Human Genetics, 2017, 25, 432-438.	1.4	26

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37	Identifying molecular mediators of the relationship between body mass index and endometrial cancer risk: a Mendelian randomization analysis. BMC Medicine, 2022, 20, 125.	2.3	26
38	Comprehensive genetic assessment of the ESR1 locus identifies a risk region for endometrial cancer. Endocrine-Related Cancer, 2015, 22, 851-861.	1.6	25
39	No Association between FTO or HHEX and Endometrial Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 2106-2109.	1.1	24
40	Genetic polymorphisms in the human tissue kallikrein (KLK) locus and their implication in various malignant and non-malignant diseases. Biological Chemistry, 2012, 393, 1365-1390.	1.2	24
41	Progesterone receptor gene variants and risk of endometrial cancer. Carcinogenesis, 2011, 32, 331-335.	1.3	22
42	Polymorphisms in Inflammation Pathway Genes and Endometrial Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 216-223.	1.1	22
43	A Kallikrein 15 (KLK15) single nucleotide polymorphism located close to a novel exon shows evidence of association with poor ovarian cancer survival. BMC Cancer, 2011, 11, 119.	1.1	20
44	GWAS meta-analysis of 16 852 women identifies new susceptibility locus for endometrial cancer. Human Molecular Genetics, 2016, 25, ddw092.	1.4	19
45	A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. Nature Communications, 2021, 12, 1078.	5.8	19
46	The Use of Predictive or Prognostic Genetic Biomarkers in Endometrial and Other Hormone-Related Cancers: Justification for Extensive Candidate Gene Single Nucleotide Polymorphism Studies of the Matrix Metalloproteinase Family and their Inhibitors. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2352-2365.	1.1	18
47	Kallikrein-Related Peptidase 10 (KLK10) Expression and Single Nucleotide Polymorphisms in Ovarian Cancer Survival. International Journal of Gynecological Cancer, 2010, 20, 529-536.	1.2	18
48	Genetic analyses of gynecological disease identify genetic relationships between uterine fibroids and endometrial cancer, and a novel endometrial cancer genetic risk region at the WNT4 1p36.12 locus. Human Genetics, 2021, 140, 1353-1365.	1.8	18
49	Testosterone, sex hormone-binding globulin, insulin-like growth factor-1 and endometrial cancer risk: observational and Mendelian randomization analyses. British Journal of Cancer, 2021, 125, 1308-1317.	2.9	18
50	Genetic Association of the KLK4 Locus with Risk of Prostate Cancer. PLoS ONE, 2012, 7, e44520.	1.1	18
51	ROR1 is upregulated in endometrial cancer and represents a novel therapeutic target. Scientific Reports, 2020, 10, 13906.	1.6	17
52	The kallikrein 14 gene is down-regulated by androgen receptor signalling and harbours genetic variation that is associated with prostate tumour aggressiveness. Biological Chemistry, 2012, 393, 403-412.	1.2	15
53	Assessing the Role of Selenium in Endometrial Cancer Risk: A Mendelian Randomization Study. Frontiers in Oncology, 2019, 9, 182.	1.3	15
54	Body Size at Different Ages and Risk of 6 Cancers: A Mendelian Randomization and Prospective Cohort Study. Journal of the National Cancer Institute, 2022, 114, 1296-1300.	3.0	15

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55	Association between Prostinogen (KLK15) Genetic Variants and Prostate Cancer Risk and Aggressiveness in Australia and a Meta-Analysis of GWAS Data. PLoS ONE, 2011, 6, e26527.	1.1	14
56	ECGene: A Literatureâ€Based Knowledgebase of Endometrial Cancer Genes. Human Mutation, 2016, 37, 337-343.	1.1	13
57	Body Fat Distribution and Risk of Breast, Endometrial, and Ovarian Cancer: A Two-Sample Mendelian Randomization Study. Cancers, 2021, 13, 5053.	1.7	13
58	CHEK2, MGMT, SULT1E1 and SULT1A1 Polymorphisms and Endometrial Cancer Risk. Twin Research and Human Genetics, 2011, 14, 328-332.	0.3	12
59	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 217-228.	1.1	12
60	Kallikrein-Related Peptidase 3(KLK3/PSA) Single Nucleotide Polymorphisms and Ovarian Cancer Survival. Twin Research and Human Genetics, 2011, 14, 323-327.	0.3	11
61	Genetically Raised Circulating Bilirubin Levels and Risk of Ten Cancers: A Mendelian Randomization Study. Cells, 2021, 10, 394.	1.8	11
62	Multi-tissue transcriptome-wide association study identifies eight candidate genes and tissue-specific gene expression underlying endometrial cancer susceptibility. Communications Biology, 2021, 4, 1211.	2.0	11
63	10 Years of GWAS discovery in endometrial cancer: Aetiology, function and translation. EBioMedicine, 2022, 77, 103895.	2.7	11
64	Associations between Genetically Predicted Circulating Protein Concentrations and Endometrial Cancer Risk. Cancers, 2021, 13, 2088.	1.7	10
65	The MLH1 polymorphism rs1800734 and risk of endometrial cancer with microsatellite instability. Clinical Epigenetics, 2020, 12, 102.	1.8	8
66	Polygenic risk score opportunities for early detection and prevention strategies in endometrial cancer. British Journal of Cancer, 2020, 123, 1045-1046.	2.9	7
67	Analyses of germline variants associated with ovarian cancer survival identify functional candidates at the 1q22 and 19p12 outcome loci. Oncotarget, 2017, 8, 64670-64684.	0.8	7
68	Large-scale cross-cancer fine-mapping of the 5p15.33 region reveals multiple independent signals. Human Genetics and Genomics Advances, 2021, 2, 100041.	1.0	6
69	Development and evaluation of polygenic risk scores for prediction of endometrial cancer risk in European women. Genetics in Medicine, 2022, 24, 1847-1856.	1.1	6
70	Breast cancer susceptibility polymorphisms and endometrial cancer risk: a Collaborative Endometrial Cancer Study. Carcinogenesis, 2011, 32, 1862-1866.	1.3	5
71	The Association of CYP19A1 Variation with Circulating Estradiol and Aromatase Inhibitor Outcome: Can CYP19A1 Variants Be Used to Predict Treatment Efficacy?. Frontiers in Pharmacology, 2017, 8, 218.	1.6	5
72	Tumor Signature Analysis Implicates Hereditary Cancer Genes in Endometrial Cancer Development. Cancers, 2021, 13, 1762.	1.7	5

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73	Identification of a Locus Near ULK1 Associated With Progression-Free Survival in Ovarian Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1669-1680.	1.1	5
74	seXY: a tool for sex inference from genotype arrays. Bioinformatics, 2017, 33, 561-563.	1.8	4
75	Association between single-nucleotide polymorphisms in growth factor genes and quality of life in men with prostate cancer and the general population. Quality of Life Research, 2015, 24, 2183-2193.	1.5	3
76	Caseâ€“case analysis addressing ascertainment bias for multigene panel testing implicates BRCA1 and PALB2 in endometrial cancer. Human Mutation, 2021, 42, 1265-1278.	1.1	3
77	Abstract PR003: Multi-tissue transcriptome-wide association study identifies genetic mechanisms underlying endometrial cancer susceptibility. , 2021, , .		0
78	Abstract 827: Transcriptome-wide association study of endometrial cancer risk. , 2021, , .		0
79	2 Single Nucleotide Polymorphisms in the Human KLK Locus and Their Implication in Various Diseases. , 2012, , 31-78.		0