Katie M O'brien

List of Publications by Year
in descending order

66 papers	2,791 citations	279798 23 h-index	189892 50 g-index
67 all docs	67 docs citations	67 times ranked	3936 citing authors

#	Article	IF	Citations
1	A Quantile-Based g-Computation Approach to Addressing the Effects of Exposure Mixtures. Environmental Health Perspectives, 2020, 128, 47004.	6.0	563
2	Intrinsic Breast Tumor Subtypes, Race, and Long-Term Survival in the Carolina Breast Cancer Study. Clinical Cancer Research, 2010, 16, 6100-6110.	7.0	351
3	Environmental Chemicals in Urine and Blood: Improving Methods for Creatinine and Lipid Adjustment. Environmental Health Perspectives, 2016, 124, 220-227.	6.0	323
4	Association of Body Mass Index and Age With Subsequent Breast Cancer Risk in Premenopausal Women. JAMA Oncology, 2018, 4, e181771.	7.1	210
5	Methylation-Based Biological Age and Breast Cancer Risk. Journal of the National Cancer Institute, 2019, 111, 1051-1058.	6.3	124
6	Metallic Air Pollutants and Breast Cancer Risk in a Nationwide Cohort Study. Epidemiology, 2019, 30, 20-28.	2.7	70
7	Lipid and Creatinine Adjustment to Evaluate Health Effects of Environmental Exposures. Current Environmental Health Reports, 2017, 4, 44-50.	6.7	69
8	Urinary specific gravity measures in the U.S. population: Implications for the adjustment of non-persistent chemical urinary biomarker data. Environment International, 2021, 156, 106656.	10.0	59
9	Predictors and long-term health outcomes of eating disorders. PLoS ONE, 2017, 12, e0181104.	2.5	57
10	Ambient Air Pollution and Chronic Bronchitis in a Cohort of U.S. Women. Environmental Health Perspectives, 2018, 126, 027005.	6.0	55
11	Association of Neighborhood Deprivation With Epigenetic Aging Using 4 Clock Metrics. JAMA Network Open, 2020, 3, e2024329.	5.9	50
12	Vitamin D, DNA methylation, and breast cancer. Breast Cancer Research, 2018, 20, 70.	5.0	49
13	Combined Associations of a Polygenic Risk Score and Classical Risk Factors With Breast Cancer Risk. Journal of the National Cancer Institute, 2021, 113, 329-337.	6.3	45
14	Association of Powder Use in the Genital Area With Risk of Ovarian Cancer. JAMA - Journal of the American Medical Association, 2020, 323, 49.	7.4	41
15	Pubertal timing and breast cancer risk in the Sister Study cohort. Breast Cancer Research, 2020, 22, 112.	5.0	40
16	Healthâ€related quality of life outcomes among breast cancer survivors. Cancer, 2021, 127, 1114-1125.	4.1	39
17	Douching, Talc Use, and Risk of Ovarian Cancer. Epidemiology, 2016, 27, 797-802.	2.7	35
18	Breast Cancer Subtypes and Previously Established Genetic Risk Factors: A Bayesian Approach. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 84-97.	2.5	31

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19	Anthropometric Risk Factors for Cancers of the Biliary Tract in the Biliary Tract Cancers Pooling Project. Cancer Research, 2019, 79, 3973-3982.	0.9	31
20	Associations Between Prenatal Urinary Biomarkers of Phthalate Exposure and Preterm Birth. JAMA Pediatrics, 2022, 176, 895.	6.2	31
21	Epigenetic mortality predictors and incidence of breast cancer. Aging, 2019, 11, 11975-11987.	3.1	30
22	Urine and toenail cadmium levels in pregnant women: A reliability study. Environment International, 2018, 118, 86-91.	10.0	28
23	Prediagnostic Immune Cell Profiles and Breast Cancer. JAMA Network Open, 2020, 3, e1919536.	5.9	25
24	Cross-ancestry GWAS meta-analysis identifies six breast cancer loci in African and European ancestry women. Nature Communications, 2021, 12, 4198.	12.8	24
25	Persistence of Risk for Type 2 Diabetes After Gestational Diabetes Mellitus. Diabetes Care, 2022, 45, 864-870.	8.6	23
26	Long-term ambient fine particulate matter and DNA methylation in inflammation pathways: results from the Sister Study. Epigenetics, 2020, 15, 524-535.	2.7	21
27	Adolescent use of hair dyes, straighteners and perms in relation to breast cancer risk. International Journal of Cancer, 2021, 148, 2255-2263.	5.1	21
28	Risk factors for young-onset invasive and in situ breast cancer. Cancer Causes and Control, 2015, 26, 1771-1778.	1.8	20
29	Toenail-Based Metal Concentrations and Young-Onset Breast Cancer. American Journal of Epidemiology, 2019, 188, 646-655.	3.4	19
30	A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. Nature Communications, 2021, 12, 1078.	12.8	19
31	Blood DNA methylation profiles improve breast cancer prediction. Molecular Oncology, 2022, 16, 42-53.	4.6	19
32	Do Post-breast Cancer Diagnosis Toenail Trace Element Concentrations Reflect Prediagnostic Concentrations?. Epidemiology, 2019, 30, 112-119.	2.7	17
33	Adult weight change and premenopausal breast cancer risk: A prospective pooled analysis of data from 628,463 women. International Journal of Cancer, 2020, 147, 1306-1314.	5.1	17
34	Eating Disorders and Breast Cancer. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 206-211.	2.5	14
35	Toenail-Based Metal Concentrations and Young-Onset Breast Cancer. American Journal of Epidemiology, 2019, 188, 34-43.	3.4	14
36	Combining Urinary Biomarker Data From Studies With Different Measures of Urinary Dilution. Epidemiology, 2022, 33, 533-540.	2.7	14

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37	Keratinous biomarker of mercury exposure associated with amyotrophic lateral sclerosis risk in a nationwide U.S. study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2020, 21, 420-427.	1.7	13
38	Use of hair products in relation to ovarian cancer risk. Carcinogenesis, 2021, 42, 1189-1195.	2.8	12
39	Talc, body powder, and ovarian cancer: A summary of the epidemiologic evidence. Gynecologic Oncology, 2021, 163, 199-208.	1.4	12
40	Previous GWAS hits in relation to young-onset breast cancer. Breast Cancer Research and Treatment, 2017, 161, 333-344.	2.5	11
41	Perineal Talc Use, Douching, and the Risk of Uterine Cancer. Epidemiology, 2019, 30, 845-852.	2.7	11
42	Polygenic risk scores for prediction of breast cancer risk in women of African ancestry: a cross-ancestry approach. Human Molecular Genetics, 2022, 31, 3133-3143.	2.9	11
43	Phthalate exposure and odds of bacterial vaginosis among U.S. reproductive-aged women, NHANES 2001â€“2004. Reproductive Toxicology, 2018, 82, 1-9.	2.9	10
44	Toenail metal concentrations and age at menopause. Environmental Epidemiology, 2020, 4, e0104.	3.0	10
45	Cadmium Exposure and Ovarian Reserve in Women Aged 35â€“49 Years: The Impact on Results From the Creatinine Adjustment Approach Used to Correct for Urinary Dilution. American Journal of Epidemiology, 2021, 190, 116-124.	3.4	10
46	Severe acne and risk of breast cancer. Breast Cancer Research and Treatment, 2019, 177, 487-495.	2.5	8
47	The Association of a Breast Cancer Diagnosis With Serum 25-Hydroxyvitamin D Concentration Over Time. American Journal of Epidemiology, 2019, 188, 637-645.	3.4	8
48	The Case for Caseâ€“Cohort. Epidemiology, 2022, 33, 354-361.	2.7	8
49	Evaluation of vitamin D biosynthesis and pathway target genes reveals UGT2A1/2 and EGFR polymorphisms associated with epithelial ovarian cancer in African American Women. Cancer Medicine, 2019, 8, 2503-2513.	2.8	6
50	Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element. American Journal of Human Genetics, 2021, 108, 1190-1203.	6.2	6
51	Vitamin D Supplement Use and Risk of Breast Cancer by Race-Ethnicity. Epidemiology, 2022, 33, 37-47.	2.7	6
52	Adjustment for Urinary Creatinine or Serum Lipids for Analytes Assayed in Pooled Specimens. Epidemiology, 2019, 30, 768-779.	2.7	5
53	Perinatal and postnatal exposures and risk of young-onset breast cancer. Breast Cancer Research, 2020, 22, 88.	5.0	5
54	Response to â€œComment on â€˜A Quantile-Based g-Computation Approach to Addressing the Effects of Exposure Mixturesâ€™â€: Environmental Health Perspectives, 2021, 129, 38002.	6.0	5

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55	Cohort Profile: The Ovarian Cancer Cohort Consortium (OC3). International Journal of Epidemiology, 2022, 51, e73-e86.	1.9	5
56	Vitamin D concentrations and breast cancer incidence among Black/African American and nonâ€Black Hispanic/Latina women. Cancer, 2022, 128, 2463-2473.	4.1	5
57	Genital powder use and risk of uterine cancer: A pooled analysis of prospective studies. International Journal of Cancer, 2021, 148, 2692-2701.	5.1	4
58	The association between douching, genital talc use, and the risk of prevalent and incident cervical cancer. Scientific Reports, 2021, 11, 14836.	3.3	4
59	Association of dietary and plasma carotenoids with urinary F2-isoprostanes. European Journal of Nutrition, 2022, 61, 2711-2723.	3.9	4
60	Early-life exposures and age at thelarche in the Sister Study cohort. Breast Cancer Research, 2021, 23, 111.	5.0	4
61	Design and Interpretation Considerations in Registry-Based Studies. JAMA Psychiatry, 2020, 77, 15.	11.0	3
62	Gestational diabetes and risk of breast cancer before age 55 years. International Journal of Epidemiology, 2022, 50, 1936-1947.	1.9	3
63	Latent class models of early-life trauma and incident breast cancer. Epidemiology, 2022, Publish Ahead of Print, .	2.7	2
64	Evidence for familial clustering in breast cancer age of onset. International Journal of Epidemiology, 2021, 50, 97-104.	1.9	1
65	Genetic variants in anti-MÃ¼llerian hormone-related genes and breast cancer risk: results from the AMBER consortium. Breast Cancer Research and Treatment, 2021, 185, 469-478.	2.5	1
66	Genital Powder Use and Ovarian Cancerâ€"Reply. JAMA - Journal of the American Medical Association, 2020, 323, 2096.	7.4	0