

# Katie O'Brien

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

2,870  
citations

257101

24  
h-index

189595

50  
g-index

83  
all docs

83  
docs citations

83  
times ranked

4031  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Quantile-Based g-Computation Approach to Addressing the Effects of Exposure Mixtures. <i>Environmental Health Perspectives</i> , 2020, 128, 47004.	2.8	563
2	Intrinsic Breast Tumor Subtypes, Race, and Long-Term Survival in the Carolina Breast Cancer Study. <i>Clinical Cancer Research</i> , 2010, 16, 6100-6110.	3.2	351
3	Environmental Chemicals in Urine and Blood: Improving Methods for Creatinine and Lipid Adjustment. <i>Environmental Health Perspectives</i> , 2016, 124, 220-227.	2.8	323
4	Methylation-Based Biological Age and Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2019, 111, 1051-1058.	3.0	124
5	The association between metabolic health, obesity phenotype and the risk of breast cancer. <i>International Journal of Cancer</i> , 2017, 140, 2657-2666.	2.3	83
6	Lipid and Creatinine Adjustment to Evaluate Health Effects of Environmental Exposures. <i>Current Environmental Health Reports</i> , 2017, 4, 44-50.	3.2	69
7	Serum Vitamin D and Risk of Breast Cancer within Five Years. <i>Environmental Health Perspectives</i> , 2017, 125, 077004.	2.8	60
8	Urinary specific gravity measures in the U.S. population: Implications for the adjustment of non-persistent chemical urinary biomarker data. <i>Environment International</i> , 2021, 156, 106656.	4.8	59
9	Metals and trace elements in relation to body mass index in a prospective study of US women. <i>Environmental Research</i> , 2020, 184, 109396.	3.7	58
10	Predictors and long-term health outcomes of eating disorders. <i>PLoS ONE</i> , 2017, 12, e0181104.	1.1	57
11	Ambient Air Pollution and Chronic Bronchitis in a Cohort of U.S. Women. <i>Environmental Health Perspectives</i> , 2018, 126, 027005.	2.8	55
12	Vitamin D, DNA methylation, and breast cancer. <i>Breast Cancer Research</i> , 2018, 20, 70.	2.2	49
13	Risk of Breast Cancer Among Carriers of Pathogenic Variants in Breast Cancer Predisposition Genes Varies by Polygenic Risk Score. <i>Journal of Clinical Oncology</i> , 2021, 39, 2564-2573.	0.8	47
14	Analgesic Use and Ovarian Cancer Risk: An Analysis in the Ovarian Cancer Cohort Consortium. <i>Journal of the National Cancer Institute</i> , 2019, 111, 137-145.	3.0	43
15	A review of African American-white differences in risk factors for cancer: prostate cancer. <i>Cancer Causes and Control</i> , 2011, 22, 341-357.	0.8	41
16	Association of Powder Use in the Genital Area With Risk of Ovarian Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 49.	3.8	41
17	Health-related quality of life outcomes among breast cancer survivors. <i>Cancer</i> , 2021, 127, 1114-1125.	2.0	39
18	Airborne metals exposure and risk of hypertension in the Sister Study. <i>Environmental Research</i> , 2020, 191, 110144.	3.7	36

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19	The Risk of Ovarian Cancer Increases with an Increase in the Lifetime Number of Ovulatory Cycles: An Analysis from the Ovarian Cancer Cohort Consortium (OC3). <i>Cancer Research</i> , 2020, 80, 1210-1218.	0.4	35
20	Genome-Wide Association Study of Serum 25-Hydroxyvitamin D in US Women. <i>Frontiers in Genetics</i> , 2018, 9, 67.	1.1	32
21	Anthropometric Risk Factors for Cancers of the Biliary Tract in the Biliary Tract Cancers Pooling Project. <i>Cancer Research</i> , 2019, 79, 3973-3982.	0.4	31
22	Associations Between Prenatal Urinary Biomarkers of Phthalate Exposure and Preterm Birth. <i>JAMA Pediatrics</i> , 2022, 176, 895.	3.3	31
23	Epigenetic mortality predictors and incidence of breast cancer. <i>Aging</i> , 2019, 11, 11975-11987.	1.4	30
24	Urine and toenail cadmium levels in pregnant women: A reliability study. <i>Environment International</i> , 2018, 118, 86-91.	4.8	28
25	Gestational diabetes mellitus may be associated with increased risk of breast cancer. <i>British Journal of Cancer</i> , 2017, 116, 960-963.	2.9	26
26	Prediagnostic Immune Cell Profiles and Breast Cancer. <i>JAMA Network Open</i> , 2020, 3, e1919536.	2.8	25
27	Cross-ancestry GWAS meta-analysis identifies six breast cancer loci in African and European ancestry women. <i>Nature Communications</i> , 2021, 12, 4198.	5.8	24
28	Persistence of Risk for Type 2 Diabetes After Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2022, 45, 864-870.	4.3	23
29	Long-term ambient fine particulate matter and DNA methylation in inflammation pathways: results from the Sister Study. <i>Epigenetics</i> , 2020, 15, 524-535.	1.3	21
30	Adolescent use of hair dyes, straighteners and perms in relation to breast cancer risk. <i>International Journal of Cancer</i> , 2021, 148, 2255-2263.	2.3	21
31	Risk factors for young-onset invasive and in situ breast cancer. <i>Cancer Causes and Control</i> , 2015, 26, 1771-1778.	0.8	20
32	Gastrointestinal Stromal Tumors, Somatic Mutations and Candidate Genetic Risk Variants. <i>PLoS ONE</i> , 2013, 8, e62119.	1.1	19
33	Toenail-Based Metal Concentrations and Young-Onset Breast Cancer. <i>American Journal of Epidemiology</i> , 2019, 188, 646-655.	1.6	19
34	A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. <i>Nature Communications</i> , 2021, 12, 1078.	5.8	19
35	Blood DNA methylation profiles improve breast cancer prediction. <i>Molecular Oncology</i> , 2022, 16, 42-53.	2.1	19
36	Do Post-breast Cancer Diagnosis Toenail Trace Element Concentrations Reflect Prediagnostic Concentrations?. <i>Epidemiology</i> , 2019, 30, 112-119.	1.2	17

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37	Adult weight change and premenopausal breast cancer risk: A prospective pooled analysis of data from 628,463 women. <i>International Journal of Cancer</i> , 2020, 147, 1306-1314.	2.3	17
38	Single-Nucleotide Polymorphisms in Vitamin D-Related Genes May Modify Vitamin D-Breast Cancer Associations. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1761-1771.	1.1	15
39	Metals and Breast Cancer Risk: A Prospective Study Using Toenail Biomarkers. <i>American Journal of Epidemiology</i> , 2021, 190, 2360-2373.	1.6	15
40	Eating Disorders and Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 206-211.	1.1	14
41	Toenail-Based Metal Concentrations and Young-Onset Breast Cancer. <i>American Journal of Epidemiology</i> , 2019, 188, 34-43.	1.6	14
42	Association Between Serum Iron Biomarkers and Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 422-425.	1.1	14
43	Keratinous biomarker of mercury exposure associated with amyotrophic lateral sclerosis risk in a nationwide U.S. study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2020, 21, 420-427.	1.1	13
44	Use of hair products in relation to ovarian cancer risk. <i>Carcinogenesis</i> , 2021, 42, 1189-1195.	1.3	12
45	Talc, body powder, and ovarian cancer: A summary of the epidemiologic evidence. <i>Gynecologic Oncology</i> , 2021, 163, 199-208.	0.6	12
46	Associations between reproductive factors and biliary tract cancers in women from the Biliary Tract Cancers Pooling Project. <i>Journal of Hepatology</i> , 2020, 73, 863-872.	1.8	12
47	Association between neighbourhood deprivation and hypertension in a US-wide Cohort. <i>Journal of Epidemiology and Community Health</i> , 2022, 76, 268-273.	2.0	12
48	A family-based, genome-wide association study of young-onset breast cancer: inherited variants and maternally mediated effects. <i>European Journal of Human Genetics</i> , 2016, 24, 1316-1323.	1.4	11
49	Previous GWAS hits in relation to young-onset breast cancer. <i>Breast Cancer Research and Treatment</i> , 2017, 161, 333-344.	1.1	11
50	Perineal Talc Use, Douching, and the Risk of Uterine Cancer. <i>Epidemiology</i> , 2019, 30, 845-852.	1.2	11
51	Polygenic risk scores for prediction of breast cancer risk in women of African ancestry: a cross-ancestry approach. <i>Human Molecular Genetics</i> , 2022, 31, 3133-3143.	1.4	11
52	Phthalate exposure and odds of bacterial vaginosis among U.S. reproductive-aged women, NHANES 2001-2004. <i>Reproductive Toxicology</i> , 2018, 82, 1-9.	1.3	10
53	Toenail metal concentrations and age at menopause. <i>Environmental Epidemiology</i> , 2020, 4, e0104.	1.4	10
54	Air Pollution and Breast Cancer: An Examination of Modification By Underlying Familial Breast Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 422-429.	1.1	9

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55	Severe acne and risk of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 487-495.	1.1	8
56	The Association of a Breast Cancer Diagnosis With Serum 25-Hydroxyvitamin D Concentration Over Time. <i>American Journal of Epidemiology</i> , 2019, 188, 637-645.	1.6	8
57	The Association Between Periodontal Disease and Breast Cancer in a Prospective Cohort Study. <i>Cancer Prevention Research</i> , 2020, 13, 1007-1016.	0.7	8
58	Associations of periodontal disease and tooth loss with all-cause and cause-specific mortality in the Sister Study. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1597-1604.	2.3	8
59	The Case for Case- Cohort. <i>Epidemiology</i> , 2022, 33, 354-361.	1.2	8
60	Evaluation of vitamin D biosynthesis and pathway target genes reveals UGT2A1/2 and EGFR polymorphisms associated with epithelial ovarian cancer in African American Women. <i>Cancer Medicine</i> , 2019, 8, 2503-2513.	1.3	6
61	Ovarian Cancer Risk Factor Associations by Primary Anatomic Site: The Ovarian Cancer Cohort Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 2010-2018.	1.1	6
62	Vitamin D Supplement Use and Risk of Breast Cancer by Race-Ethnicity. <i>Epidemiology</i> , 2022, 33, 37-47.	1.2	6
63	Response to "Comment on "A Quantile-Based g-Computation Approach to Addressing the Effects of Exposure Mixtures"" Environmental Health Perspectives, 2021, 129, 38002.	2.8	5
64	Cohort Profile: The Ovarian Cancer Cohort Consortium (OC3). <i>International Journal of Epidemiology</i> , 2022, 51, e73-e86.	0.9	5
65	Vitamin D concentrations and breast cancer incidence among Black/African American and non-Black Hispanic/Latina women. <i>Cancer</i> , 2022, 128, 2463-2473.	2.0	5
66	Genital powder use and risk of uterine cancer: A pooled analysis of prospective studies. <i>International Journal of Cancer</i> , 2021, 148, 2692-2701.	2.3	4
67	The association between douching, genital talc use, and the risk of prevalent and incident cervical cancer. <i>Scientific Reports</i> , 2021, 11, 14836.	1.6	4
68	Gestational Diabetes and Risk of Breast Cancer in African American Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1509-1511.	1.1	4
69	Residential ultraviolet radiation and breast cancer risk in a large prospective cohort. <i>Environment International</i> , 2022, 159, 107028.	4.8	4
70	Association of dietary and plasma carotenoids with urinary F2-isoprostanes. <i>European Journal of Nutrition</i> , 2022, 61, 2711-2723.	1.8	4
71	Design and Interpretation Considerations in Registry-Based Studies. <i>JAMA Psychiatry</i> , 2020, 77, 15.	6.0	3
72	Association Between Organic Food Consumption and Risk of Obesity in Women. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa063_065.	0.1	3

#	ARTICLE	IF	CITATIONS
73	Gestational diabetes and risk of breast cancer before age 55 years. International Journal of Epidemiology, 2022, 50, 1936-1947.	0.9	3
74	Traffic-related air pollution and olfactory impairment among women in a nationwide US cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	2
75	Breast cancer screening among Hispanic and <scp>non&#x2014;Hispanic</scp> White women by birthplace in the Sister Study. Cancer Medicine, 2022, 11, 1913-1922.	1.3	2
76	Association Between Organic Food Consumption and Breast Cancer Risk: Findings from the Sister Study (P18-038-19). Current Developments in Nutrition, 2019, 3, nzz039.P18-038-19.	0.1	1
77	Evidence for familial clustering in breast cancer age of onset. International Journal of Epidemiology, 2021, 50, 97-104.	0.9	1
78	Genetic variants in anti-M&#x2014;Allerian hormone-related genes and breast cancer risk: results from the AMBER consortium. Breast Cancer Research and Treatment, 2021, 185, 469-478.	1.1	1
79	Association of Dietary and Plasma Carotenoids with Urinary F2-isoprostanes (FS15-02-19). Current Developments in Nutrition, 2019, 3, nzz031.FS15-02-19.	0.1	0
80	Genital Powder Use and Ovarian Cancer&#x2014;Reply. JAMA - Journal of the American Medical Association, 2020, 323, 2096.	3.8	0
81	Neighborhood deprivation and epigenetic aging. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
82	Reply to &#x201c;Vitamin D and breast cancer: Stop torturing the data!&#x201d;. Cancer, 2022, 128, 3000-3001.	2.0	0