

# Amy Trentham-Dietz

## List of Publications by Citations

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98  
papers

3,953  
citations

30  
h-index

61  
g-index

100  
ext. papers

5,000  
ext. citations

6  
avg, IF

5.07  
L-index

#	Paper	IF	Citations
98	Prediction of breast cancer risk based on profiling with common genetic variants. <i>Journal of the National Cancer Institute</i> , <b>2015</b> , 107,	9.7	324
97	Risk factors for breast cancer for women aged 40 to 49 years: a systematic review and meta-analysis. <i>Annals of Internal Medicine</i> , <b>2012</b> , 156, 635-48	8	236
96	Cadmium exposure and breast cancer risk. <i>Journal of the National Cancer Institute</i> , <b>2006</b> , 98, 869-73	9.7	236
95	Body mass index and breast cancer risk according to postmenopausal estrogen-progestin use and hormone receptor status. <i>Epidemiologic Reviews</i> , <b>2014</b> , 36, 114-36	4.1	211
94	Prevalence of mammographically dense breasts in the United States. <i>Journal of the National Cancer Institute</i> , <b>2014</b> , 106,	9.7	203
93	Retrospective cost-effectiveness analysis of screening mammography. <i>Journal of the National Cancer Institute</i> , <b>2006</b> , 98, 774-82	9.7	167
92	Collaborative Modeling of the Benefits and Harms Associated With Different U.S. Breast Cancer Screening Strategies. <i>Annals of Internal Medicine</i> , <b>2016</b> , 164, 215-25	8	146
91	Association of Screening and Treatment With Breast Cancer Mortality by Molecular Subtype in US Women, 2000-2012. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 154-164	27.4	130
90	A Population-Based Study of Genes Previously Implicated in Breast Cancer. <i>New England Journal of Medicine</i> , <b>2021</b> , 384, 440-451	59.2	115
89	The Wisconsin Breast Cancer Epidemiology Simulation Model. <i>Journal of the National Cancer Institute Monographs</i> , <b>2006</b> , 37-47	4.8	113
88	Age- and Tumor Subtype-Specific Breast Cancer Risk Estimates for CHEK2*1100delC Carriers. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 2750-60	2.2	107
87	Social networks and quality of life among female long-term colorectal cancer survivors. <i>Cancer</i> , <b>2003</b> , 98, 1749-58	6.4	102
86	Benefits, harms, and costs for breast cancer screening after US implementation of digital mammography. <i>Journal of the National Cancer Institute</i> , <b>2014</b> , 106, dju092	9.7	96
85	Effects of screening and systemic adjuvant therapy on ER-specific US breast cancer mortality. <i>Journal of the National Cancer Institute</i> , <b>2014</b> , 106,	9.7	92
84	Thyroid cancer incidence and socioeconomic indicators of health care access. <i>Cancer Causes and Control</i> , <b>2008</b> , 19, 585-93	2.8	87
83	Association of Digital Breast Tomosynthesis vs Digital Mammography With Cancer Detection and Recall Rates by Age and Breast Density. <i>JAMA Oncology</i> , <b>2019</b> , 5, 635-642	13.4	82
82	Cancer information sources used by patients to inform and influence treatment decisions. <i>Journal of Health Communication</i> , <b>2010</b> , 15, 445-63	2.5	78

81	Environmental exposures during windows of susceptibility for breast cancer: a framework for prevention research. <i>Breast Cancer Research</i> , <b>2019</b> , 21, 96	8.3	77
80	Cigarette Smoking Before and After Breast Cancer Diagnosis: Mortality From Breast Cancer and Smoking-Related Diseases. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 1315-22	2.2	77
79	Breast cancer risk factors and second primary malignancies among women with breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2007</b> , 105, 195-207	4.4	76
78	Tailoring Breast Cancer Screening Intervals by Breast Density and Risk for Women Aged 50 Years or Older: Collaborative Modeling of Screening Outcomes. <i>Annals of Internal Medicine</i> , <b>2016</b> , 165, 700-712	8	73
77	Health Literacy and Health-Related Quality of Life Among a Population-Based Sample of Cancer Patients. <i>Journal of Health Communication</i> , <b>2015</b> , 20, 1320-9	2.5	72
76	Proportion of invasive breast cancer attributable to risk factors modifiable after menopause. <i>American Journal of Epidemiology</i> , <b>2008</b> , 168, 404-11	3.8	69
75	Circulating serum xenoestrogens and mammographic breast density. <i>Breast Cancer Research</i> , <b>2013</b> , 15, R45	8.3	65
74	Collagen Alignment as a Predictor of Recurrence after Ductal Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2018</b> , 27, 138-145	4	59
73	Health-related quality of life before and after a breast cancer diagnosis. <i>Breast Cancer Research and Treatment</i> , <b>2008</b> , 109, 379-87	4.4	51
72	The contribution of mammography screening to breast cancer incidence trends in the United States: an updated age-period-cohort model. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 905-12	4	44
71	Benefits and harms of mammography screening after age 74 years: model estimates of overdiagnosis. <i>Journal of the National Cancer Institute</i> , <b>2015</b> , 107,	9.7	43
70	The University of Wisconsin Breast Cancer Epidemiology Simulation Model: An Update. <i>Medical Decision Making</i> , <b>2018</b> , 38, 99S-111S	2.5	31
69	Modification of breast cancer risk according to age and menopausal status: a combined analysis of five population-based case-control studies. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 145, 165-75	4.4	30
68	Common Model Inputs Used in CISNET Collaborative Breast Cancer Modeling. <i>Medical Decision Making</i> , <b>2018</b> , 38, 9S-23S	2.5	29
67	Contribution of Germline Predisposition Gene Mutations to Breast Cancer Risk in African American Women. <i>Journal of the National Cancer Institute</i> , <b>2020</b> , 112, 1213-1221	9.7	25
66	Variation in tumor natural history contributes to racial disparities in breast cancer stage at diagnosis. <i>Breast Cancer Research and Treatment</i> , <b>2013</b> , 138, 519-28	4.4	25
65	Effect of Time to Diagnostic Testing for Breast, Cervical, and Colorectal Cancer Screening Abnormalities on Screening Efficacy: A Modeling Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2018</b> , 27, 158-164	4	24
64	Long-Term Outcomes and Cost-Effectiveness of Breast Cancer Screening With Digital Breast Tomosynthesis in the United States. <i>Journal of the National Cancer Institute</i> , <b>2020</b> , 112, 582-589	9.7	23

63	Disease-free survival by treatment after a DCIS diagnosis in a population-based cohort study. <i>Breast Cancer Research and Treatment</i> , <b>2013</b> , 141, 145-54	4.4	22
62	Impact of the COVID-19 Pandemic on Breast Cancer Mortality in the US: Estimates From Collaborative Simulation Modeling. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 1484-1494	9.7	22
61	Emerging Trends in Family History of Breast Cancer and Associated Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2017</b> , 26, 1753-1760	4	21
60	Geographic access to mammography facilities and frequency of mammography screening. <i>Annals of Epidemiology</i> , <b>2018</b> , 28, 65-71.e2	6.4	21
59	Introduction to the Cancer Intervention and Surveillance Modeling Network (CISNET) Breast Cancer Models. <i>Medical Decision Making</i> , <b>2018</b> , 38, 35-85	2.5	20
58	Rat models of 17 $\beta$ -estradiol-induced mammary cancer reveal novel insights into breast cancer etiology and prevention. <i>Physiological Genomics</i> , <b>2018</b> , 50, 215-234	3.6	19
57	Total cost-effectiveness of mammography screening strategies. <i>Health Reports</i> , <b>2015</b> , 26, 16-25	4.7	19
56	Prevalence of breast carcinoma in situ in the United States. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 302, 846-8	27.4	18
55	Family History and Breast Cancer Risk Among Older Women in the Breast Cancer Surveillance Consortium Cohort. <i>JAMA Internal Medicine</i> , <b>2018</b> , 178, 494-501	11.5	17
54	Contribution of Breast Cancer to Overall Mortality for US Women. <i>Medical Decision Making</i> , <b>2018</b> , 38, 245-315	2.5	15
53	Influence of patient, physician, and hospital characteristics on the receipt of guideline-concordant care for inflammatory breast cancer. <i>Cancer Epidemiology</i> , <b>2016</b> , 40, 7-14	2.8	15
52	Emerging trends in surgical and adjuvant radiation therapies among women diagnosed with ductal carcinoma in situ. <i>Cancer</i> , <b>2016</b> , 122, 2810-8	6.4	15
51	Factors contributing to economic burden in lung cancer spousal caregivers. <i>Palliative and Supportive Care</i> , <b>2015</b> , 13, 691-700	2.5	14
50	Changes in Mammography Use by Women's Characteristics During the First 5 Months of the COVID-19 Pandemic. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 1161-1167	9.7	14
49	Genetic variation in sensitivity to estrogens and breast cancer risk. <i>Mammalian Genome</i> , <b>2018</b> , 29, 24-37	3.2	13
48	The Role of Intraoperative Pathologic Assessment in the Surgical Management of Ductal Carcinoma In Situ. <i>Annals of Surgical Oncology</i> , <b>2016</b> , 23, 2788-94	3.1	13
47	Using Active Learning for Speeding up Calibration in Simulation Models. <i>Medical Decision Making</i> , <b>2016</b> , 36, 581-93	2.5	13
46	Cigarette smoking and risk of breast carcinoma in situ. <i>Epidemiology</i> , <b>2007</b> , 18, 629-38	3.1	12

45	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> , <b>2021</b> , 39, 2564-2573	2.2	12
44	Mammography Screening: Gaps in Patient's and Physician's Needs for Shared Decision-Making. <i>Breast Journal</i> , <b>2017</b> , 23, 210-214	1.2	11
43	Comparing CISNET Breast Cancer Incidence and Mortality Predictions to Observed Clinical Trial Results of Mammography Screening from Ages 40 to 49. <i>Medical Decision Making</i> , <b>2018</b> , 38, 140S-150S	2.5	11
42	Clinical Benefits, Harms, and Cost-Effectiveness of Breast Cancer Screening for Survivors of Childhood Cancer Treated With Chest Radiation : A Comparative Modeling Study. <i>Annals of Internal Medicine</i> , <b>2020</b> , 173, 331-341	8	11
41	Cancer Models and Real-world Data: Better Together. <i>Journal of the National Cancer Institute</i> , <b>2016</b> , 108,	9.7	10
40	Personalizing Breast Cancer Screening Based on Polygenic Risk and Family History. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 434-442	9.7	10
39	Time-varying risks of second events following a DCIS diagnosis in the population-based Vermont DCIS cohort. <i>Breast Cancer Research and Treatment</i> , <b>2019</b> , 174, 227-235	4.4	9
38	Variation in coordination of care reported by breast cancer patients according to health literacy. <i>Supportive Care in Cancer</i> , <b>2019</b> , 27, 857-865	3.9	8
37	Age-based versus Risk-based Mammography Screening in Women 40-49 Years Old: A Cross-sectional Study. <i>Radiology</i> , <b>2019</b> , 292, 321-328	20.5	8
36	Breast cancer susceptibility loci in association with age at menarche, age at natural menopause and the reproductive lifespan. <i>Cancer Epidemiology</i> , <b>2014</b> , 38, 62-5	2.8	8
35	Breast Cancer Population Attributable Risk Proportions Associated with Body Mass Index and Breast Density by Race/Ethnicity and Menopausal Status. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 2048-2056	4	8
34	Collagen Organization in Relation to Ductal Carcinoma Pathology and Outcomes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2021</b> , 30, 80-88	4	8
33	Trade-Offs Between Harms and Benefits of Different Breast Cancer Screening Intervals Among Low-Risk Women. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 1017-1026	9.7	8
32	Comparing Mammography Abnormality Features to Genetic Variants in the Prediction of Breast Cancer in Women Recommended for Breast Biopsy. <i>Academic Radiology</i> , <b>2016</b> , 23, 62-9	4.3	7
31	Reproductive windows, genetic loci, and breast cancer risk. <i>Annals of Epidemiology</i> , <b>2014</b> , 24, 376-82	6.4	7
30	A population-based study of causes of death after endometrial cancer according to major risk factors. <i>Gynecologic Oncology</i> , <b>2021</b> , 160, 655-659	4.9	7
29	Partnership Status and Socioeconomic Factors in Relation to Health Behavior Changes after a Diagnosis of Ductal Carcinoma In Situ. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2016</b> , 25, 76-82	4	6
28	Germline Pathogenic Variants in Cancer Predisposition Genes Among Women With Invasive Lobular Carcinoma of the Breast. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 3918-3926	2.2	6

27	Reflecting on 20 years of breast cancer modeling in CISNET: Recommendations for future cancer systems modeling efforts. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009020	5	6
26	Health behavior change following a diagnosis of ductal carcinoma in situ: An opportunity to improve health outcomes. <i>Preventive Medicine</i> , <b>2015</b> , 80, 53-9	4.3	5
25	The effect of mammography screening regimen on incidence-based breast cancer mortality. <i>Journal of Medical Screening</i> , <b>2018</b> , 25, 197-204	1.4	5
24	Breast Cancer Screening Strategies for Women With ATM, CHEK2, and PALB2 Pathogenic Variants: A Comparative Modeling Analysis.. <i>JAMA Oncology</i> , <b>2022</b> ,	13.4	5
23	Urinary Magnesium and Other Elements in Relation to Mammographic Breast Density, a Measure of Breast Cancer Risk. <i>Nutrition and Cancer</i> , <b>2018</b> , 70, 441-446	2.8	4
22	Modelling mammography screening for breast cancer in the Canadian context: Modification and testing of a microsimulation model. <i>Health Reports</i> , <b>2015</b> , 26, 3-8	4.7	4
21	The association between cancer care coordination and quality of life is stronger for breast cancer patients with lower health literacy: A Greater Plains Collaborative study. <i>Supportive Care in Cancer</i> , <b>2020</b> , 28, 887-895	3.9	4
20	Obesity and mortality after locoregional breast cancer diagnosis. <i>Breast Cancer Research and Treatment</i> , <b>2018</b> , 172, 647-657	4.4	4
19	Correlates of age at menarche among sixth grade students in Wisconsin. <i>Wisconsin Medical Journal</i> , <b>2005</b> , 104, 65-9	0.5	4
18	AuthorsSresponse. <i>Breast Cancer Research</i> , <b>2013</b> , 15, 403	8.3	4
17	Evaluation of Long-Term Satisfaction with Breast Surgery in Patients Treated for Ductal Carcinoma In Situ: A Population-Based Longitudinal Cohort Study. <i>Annals of Surgical Oncology</i> , <b>2020</b> , 27, 2628-2636 <sup>3.1</sup>		3
16	Racial and Socioeconomic Disparities Are More Pronounced in Inflammatory Breast Cancer Than Other Breast Cancers. <i>Journal of Cancer Epidemiology</i> , <b>2017</b> , 2017, 7574946	2.8	3
15	The association between post-diagnosis health behaviors and long-term quality of life in survivors of ductal carcinoma in situ: a population-based longitudinal cohort study. <i>Quality of Life Research</i> , <b>2018</b> , 27, 1237-1247	3.7	3
14	Factors associated with genetic testing in a cohort of breast cancer survivors. <i>Breast Journal</i> , <b>2019</b> , 25, 1241-1244	1.2	3
13	Urinary Cadmium and Mammographic Density. <i>Epidemiology</i> , <b>2017</b> , 28, e6-e7	3.1	3
12	Pursuing optimal thresholds to recommend breast biopsy by quantifying the value of tomosynthesis. <i>Proceedings of SPIE</i> , <b>2014</b> , 9037, 90370U	1.7	3
11	Clinical outcomes of modelling mammography screening strategies. <i>Health Reports</i> , <b>2015</b> , 26, 9-15	4.7	3
10	Risk of Late-Onset Breast Cancer in Genetically Predisposed Women. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 3430-3440	2.2	3

9	Identifying Equitable Screening Mammography Strategies for Black Women in the United States Using Simulation Modeling. <i>Annals of Internal Medicine</i> , <b>2021</b> ,	8	2
8	Comparative effectiveness of incorporating a hypothetical DCIS prognostic marker into breast cancer screening. <i>Breast Cancer Research and Treatment</i> , <b>2018</b> , 168, 229-239	4.4	2
7	Epidemiologic breast cancer research at the UW-Madison: a summary of past accomplishments and future directions. <i>Wisconsin Medical Journal</i> , <b>2009</b> , 108, 284-5	0.5	2
6	Recent Changes in the Patterns of Breast Cancer as a Proportion of All Deaths According to Race and Ethnicity. <i>Epidemiology</i> , <b>2021</b> , 32, 904-913	3.1	1
5	Does margin width impact breast cancer recurrence rates in women with breast conserving surgery for ductal carcinoma in situ?. <i>Breast Cancer Research and Treatment</i> , <b>2021</b> , 189, 463-470	4.4	0
4	Surgical Decision-Making Surrounding Contralateral Prophylactic Mastectomy: Comparison of Treatment Goals, Preferences, and Psychosocial Outcomes from a Multicenter Survey of Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , <b>2021</b> , 28, 8752-8765	3.1	0
3	Distinguishing between CISNET model results versus CISNET models. <i>Cancer</i> , <b>2018</b> , 124, 1083-1084	6.4	
2	ASO Visual Abstract: Surgical Decision-Making Surrounding Contralateral Prophylactic Mastectomy: Comparison of Treatment Goals, Preferences, and Psychosocial Outcomes from a Multicenter Survey of Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , <b>2021</b> , 28, 546-547	3.1	
1	Coordinating Centers as a Strategy for Accelerating Cancer Epidemiology Consortia: Best Practices.. <i>Current Epidemiology Reports</i> , <b>2022</b> , 9, 1-9	2.9	