Amy Trentham-Dietz

List of Publications by Year
in descending order

100 papers	5,951 citations	109137 35 h-index	76769 74 g-index
100 all docs	100 docs citations	100 times ranked	8642 citing authors

#	Article	IF	Citations
1	Prediction of Breast Cancer Risk Based on Profiling With Common Genetic Variants. Journal of the National Cancer Institute, 2015, 107, .	3.0	428
2	A Population-Based Study of Genes Previously Implicated in Breast Cancer. New England Journal of Medicine, 2021, 384, 440-451.	13.9	414
3	Risk Factors for Breast Cancer for Women Aged 40 to 49 Years. Annals of Internal Medicine, 2012, 156, 635.	2.0	316
4	Body Mass Index and Breast Cancer Risk According to Postmenopausal Estrogen-Progestin Use and Hormone Receptor Status. Epidemiologic Reviews, 2014, 36, 114-136.	1.3	290
5	Cadmium Exposure and Breast Cancer Risk. Journal of the National Cancer Institute, 2006, 98, 869-873.	3.0	287
6	Prevalence of Mammographically Dense Breasts in the United States. Journal of the National Cancer Institute, 2014, 106, .	3.0	281
7	Collaborative Modeling of the Benefits and Harms Associated With Different U.S. Breast Cancer Screening Strategies. Annals of Internal Medicine, 2016, 164, 215.	2.0	209
8	Association of Screening and Treatment With Breast Cancer Mortality by Molecular Subtype in US Women, 2000-2012. JAMA - Journal of the American Medical Association, 2018, 319, 154.	3.8	209
9	Retrospective Cost-effectiveness Analysis of Screening Mammography. Journal of the National Cancer Institute, 2006, 98, 774-782.	3.0	188
10	Age- and Tumor Subtype–Specific Breast Cancer Risk Estimates for *CH**EK**2**1100delC Carriers. Journal of Clinical Oncology, 2016, 34, 2750-2760.	0.8	152
11	Environmental exposures during windows of susceptibility for breast cancer: a framework for prevention research. Breast Cancer Research, 2019, 21, 96.	2.2	143
12	Chapter 7: The Wisconsin Breast Cancer Epidemiology Simulation Model. Journal of the National Cancer Institute Monographs, 2006, 2006, 37-47.	0.9	139
13	Association of Digital Breast Tomosynthesis vs Digital Mammography With Cancer Detection and Recall Rates by Age and Breast Density. JAMA Oncology, 2019, 5, 635.	3.4	136
14	Effects of Screening and Systemic Adjuvant Therapy on ER-Specific US Breast Cancer Mortality. Journal of the National Cancer Institute, 2014, 106, .	3.0	120
15	Benefits, Harms, and Costs for Breast Cancer Screening After US Implementation of Digital Mammography. Journal of the National Cancer Institute, 2014, 106, dju092.	3.0	120
16	Cigarette Smoking Before and After Breast Cancer Diagnosis: Mortality From Breast Cancer and Smoking-Related Diseases. Journal of Clinical Oncology, 2016, 34, 1315-1322.	0.8	112
17	Social networks and quality of life among female long-term colorectal cancer survivors. Cancer, 2003, 98, 1749-1758.	2.0	110
18	Health Literacy and Health-Related Quality of Life Among a Population-Based Sample of Cancer Patients. Journal of Health Communication, 2015, 20, 1320-1329.	1.2	101

#	Article	IF	Citations
19	Thyroid cancer incidence and socioeconomic indicators of health care access. Cancer Causes and Control, 2008, 19, 585-593.	0.8	100
20	Breast cancer risk factors and second primary malignancies among women with breast cancer. Breast Cancer Research and Treatment, 2007, 105, 195-207.	1.1	96
21	Cancer Information Sources Used by Patients to Inform and Influence Treatment Decisions. Journal of Health Communication, 2010, 15, 445-463.	1.2	95
22	Collagen Alignment as a Predictor of Recurrence after Ductal Carcinoma *In Situ*. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 138-145.	1.1	94
23	Impact of the COVID-19 Pandemic on Breast Cancer Mortality in the US: Estimates From Collaborative Simulation Modeling. Journal of the National Cancer Institute, 2021, 113, 1484-1494.	3.0	92
24	Tailoring Breast Cancer Screening Intervals by Breast Density and Risk for Women Aged 50 Years or Older: Collaborative Modeling of Screening Outcomes. Annals of Internal Medicine, 2016, 165, 700.	2.0	90
25	Circulating serum xenoestrogens and mammographic breast density. Breast Cancer Research, 2013, 15, R45.	2.2	86
26	Proportion of Invasive Breast Cancer Attributable to Risk Factors Modifiable after Menopause. American Journal of Epidemiology, 2008, 168, 404-411.	1.6	85
27	Changes in Mammography Use by Women's Characteristics During the First 5 Months of the COVID-19 Pandemic. Journal of the National Cancer Institute, 2021, 113, 1161-1167.	3.0	69
28	Health-related quality of life before and after a breast cancer diagnosis. Breast Cancer Research and Treatment, 2008, 109, 379-387.	1.1	60
29	Benefits and Harms of Mammography Screening After Age 74 Years: Model Estimates of Overdiagnosis. Journal of the National Cancer Institute, 2015, 107, djv103-djv103.	3.0	56
30	The Contribution of Mammography Screening to Breast Cancer Incidence Trends in the United States: An Updated Age–Period–Cohort Model. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 905-912.	1.1	55
31	Contribution of Germline Predisposition Gene Mutations to Breast Cancer Risk in African American Women. Journal of the National Cancer Institute, 2020, 112, 1213-1221.	3.0	51
32	Long-Term Outcomes and Cost-Effectiveness of Breast Cancer Screening With Digital Breast Tomosynthesis in the United States. Journal of the National Cancer Institute, 2020, 112, 582-589.	3.0	48
33	Risk of Breast Cancer Among Carriers of Pathogenic Variants in Breast Cancer Predisposition Genes Varies by Polygenic Risk Score. Journal of Clinical Oncology, 2021, 39, 2564-2573.	0.8	47
34	The University of Wisconsin Breast Cancer Epidemiology Simulation Model: An Update. Medical Decision Making, 2018, 38, 99S-111S.	1.2	43
35	Breast Cancer Population Attributable Risk Proportions Associated with Body Mass Index and Breast Density by Race/Ethnicity and Menopausal Status. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2048-2056.	1.1	41
36	Common Model Inputs Used in CISNET Collaborative Breast Cancer Modeling. Medical Decision Making, 2018, 38, 9S-23S.	1.2	37

#	Article	IF	Citations
37	Identifying Equitable Screening Mammography Strategies for Black Women in the United States Using Simulation Modeling. Annals of Internal Medicine, 2021, 174, 1637-1646.	2.0	37
38	Family History and Breast Cancer Risk Among Older Women in the Breast Cancer Surveillance Consortium Cohort. JAMA Internal Medicine, 2018, 178, 494.	2.6	36
39	Geographic access to mammography facilities and frequency of mammography screening. Annals of Epidemiology, 2018, 28, 65-71.e2.	0.9	36
40	Effect of Time to Diagnostic Testing for Breast, Cervical, and Colorectal Cancer Screening Abnormalities on Screening Efficacy: A Modeling Study. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 158-164.	1.1	36
41	Breast Cancer Screening Strategies for Women With *ATM, CHEK2*, and *PALB2* Pathogenic Variants. JAMA Oncology, 2022, 8, 587.	3.4	36
42	Modification of breast cancer risk according to age and menopausal status: a combined analysis of five population-based case–control studies. Breast Cancer Research and Treatment, 2014, 145, 165-175.	1.1	34
43	Personalizing Breast Cancer Screening Based on Polygenic Risk and Family History. Journal of the National Cancer Institute, 2021, 113, 434-442.	3.0	34
44	Emerging Trends in Family History of Breast Cancer and Associated Risk. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1753-1760.	1.1	33
45	Rat models of 17β-estradiol-induced mammary cancer reveal novel insights into breast cancer etiology and prevention. Physiological Genomics, 2018, 50, 215-234.	1.0	33
46	Introduction to the Cancer Intervention and Surveillance Modeling Network (CISNET) Breast Cancer Models. Medical Decision Making, 2018, 38, 3S-8S.	1.2	31
47	Variation in tumor natural history contributes to racial disparities in breast cancer stage at diagnosis. Breast Cancer Research and Treatment, 2013, 138, 519-528.	1.1	29
48	Disease-free survival by treatment after a DCIS diagnosis in a population-based cohort study. Breast Cancer Research and Treatment, 2013, 141, 145-154.	1.1	27
49	Clinical Benefits, Harms, and Cost-Effectiveness of Breast Cancer Screening for Survivors of Childhood Cancer Treated With Chest Radiation. Annals of Internal Medicine, 2020, 173, 331-341.	2.0	24
50	Prevalence of Breast Carcinoma In Situ in the United States. JAMA - Journal of the American Medical Association, 2009, 302, 846.	3.8	22
51	Influence of patient, physician, and hospital characteristics on the receipt of guideline-concordant care for inflammatory breast cancer. Cancer Epidemiology, 2016, 40, 7-14.	0.8	22
52	Contribution of Breast Cancer to Overall Mortality for US Women. Medical Decision Making, 2018, 38, 24S-31S.	1.2	22
53	Germline Pathogenic Variants in Cancer Predisposition Genes Among Women With Invasive Lobular Carcinoma of the Breast. Journal of Clinical Oncology, 2021, 39, 3918-3926.	0.8	22
54	Collagen Organization in Relation to Ductal Carcinoma *In Situ* Pathology and Outcomes. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 80-88.	1.1	21

#	Article	IF	Citations
55	Risk of Late-Onset Breast Cancer in Genetically Predisposed Women. Journal of Clinical Oncology, 2021, 39, 3430-3440.	0.8	21
56	Genetic variation in sensitivity to estrogens and breast cancer risk. Mammalian Genome, 2018, 29, 24-37.	1.0	20
57	Total cost-effectiveness of mammography screening strategies. Health Reports, 2015, 26, 16-25.	0.6	20
58	Factors contributing to economic burden in lung cancer spousal caregivers. Palliative and Supportive Care, 2015, 13, 691-700.	0.6	19
59	Emerging trends in surgical and adjuvant radiation therapies among women diagnosed with ductal carcinoma in situ. Cancer, 2016, 122, 2810-2818.	2.0	19
60	Using Active Learning for Speeding up Calibration in Simulation Models. Medical Decision Making, 2016, 36, 581-593.	1.2	19
61	A population-based study of causes of death after endometrial cancer according to major risk factors. Gynecologic Oncology, 2021, 160, 655-659.	0.6	19
62	The Role of Intraoperative Pathologic Assessment in the Surgical Management of Ductal Carcinoma In Situ. Annals of Surgical Oncology, 2016, 23, 2788-2794.	0.7	16
63	Mammography Screening: Gaps in Patient's and Physician's Needs for Shared Decision-Making. Breast Journal, 2017, 23, 210-214.	0.4	16
64	Cigarette Smoking and Risk of Breast Carcinoma In Situ. Epidemiology, 2007, 18, 629-638.	1.2	14
65	Comparing CISNET Breast Cancer Incidence and Mortality Predictions to Observed Clinical Trial Results of Mammography Screening from Ages 40 to 49. Medical Decision Making, 2018, 38, 140S-150S.	1.2	13
66	Cancer Models and Real-world Data: Better Together: Table 1.. Journal of the National Cancer Institute, 2016, 108, djv316.	3.0	12
67	Time-varying risks of second events following a DCIS diagnosis in the population-based Vermont DCIS cohort. Breast Cancer Research and Treatment, 2019, 174, 227-235.	1.1	12
68	Comparing Mammography Abnormality Features to Genetic Variants in the Prediction of Breast Cancer in Women Recommended for Breast Biopsy. Academic Radiology, 2016, 23, 62-69.	1.3	11
69	Variation in coordination of care reported by breast cancer patients according to health literacy. Supportive Care in Cancer, 2019, 27, 857-865.	1.0	11
70	Age-based versus Risk-based Mammography Screening in Women 40â€"49 Years Old: A Cross-sectional Study. Radiology, 2019, 292, 321-328.	3.6	11
71	Breast cancer susceptibility loci in association with age at menarche, age at natural menopause and the reproductive lifespan. Cancer Epidemiology, 2014, 38, 62-65.	0.8	10
72	Urinary Magnesium and Other Elements in Relation to Mammographic Breast Density, a Measure of Breast Cancer Risk. Nutrition and Cancer, 2018, 70, 441-446.	0.9	10

#	Article	IF	Citations
73	Reflecting on 20 years of breast cancer modeling in CISNET: Recommendations for future cancer systems modeling efforts. PLoS Computational Biology, 2021, 17, e1009020.	1.5	9
74	Breast Cancer Screening Among Childhood Cancer Survivors Treated Without Chest Radiation: Clinical Benefits and Cost-Effectiveness. Journal of the National Cancer Institute, 2021, , .	3.0	9
75	Trade-Offs Between Harms and Benefits of Different Breast Cancer Screening Intervals Among Low-Risk Women. Journal of the National Cancer Institute, 2021, 113, 1017-1026.	3.0	9
76	Obesity and mortality after locoregional breast cancer diagnosis. Breast Cancer Research and Treatment, 2018, 172, 647-657.	1.1	8
77	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. Supportive Care in Cancer, 2020, 28, 887-895.	1.0	8
78	Recent Changes in the Patterns of Breast Cancer as a Proportion of All Deaths According to Race and Ethnicity. Epidemiology, 2021, 32, 904-913.	1.2	8
79	Reproductive windows, genetic loci, and breast cancer risk. Annals of Epidemiology, 2014, 24, 376-382.	0.9	7
80	Partnership Status and Socioeconomic Factors in Relation to Health Behavior Changes after a Diagnosis of Ductal Carcinoma <i>In Situ</i>. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 76-82.	1.1	7
81	Racial and Socioeconomic Disparities Are More Pronounced in Inflammatory Breast Cancer Than Other Breast Cancers. Journal of Cancer Epidemiology, 2017, 2017, 1-8.	0.5	7
82	The effect of mammography screening regimen on incidence-based breast cancer mortality. Journal of Medical Screening, 2018, 25, 197-204.	1.1	7
83	Surgical Decision-Making Surrounding Contralateral Prophylactic Mastectomy: Comparison of Treatment Goals, Preferences, and Psychosocial Outcomes from a Multicenter Survey of Breast Cancer Patients. Annals of Surgical Oncology, 2021, 28, 8752-8765.	0.7	7
84	Health behavior change following a diagnosis of ductal carcinoma in situ: An opportunity to improve health outcomes. Preventive Medicine, 2015, 80, 53-59.	1.6	6
85	Factors associated with genetic testing in a cohort of breast cancer survivors. Breast Journal, 2019, 25, 1241-1244.	0.4	6
86	Authors' response. Breast Cancer Research, 2013, 15, 403.	2.2	6
87	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. Quality of Life Research, 2018, 27, 1237-1247.	1.5	5
88	Evaluation of Long-Term Satisfaction with Breast Surgery in Patients Treated for Ductal Carcinoma In Situ: A Population-Based Longitudinal Cohort Study. Annals of Surgical Oncology, 2020, 27, 2628-2636.	0.7	5
89	Comparative effectiveness of incorporating a hypothetical DCIS prognostic marker into breast cancer screening. Breast Cancer Research and Treatment, 2018, 168, 229-239.	1.1	4
90	Modelling mammography screening for breast cancer in the Canadian context: Modification and testing of a microsimulation model. Health Reports, 2015, 26, 3-8.	0.6	4

#	Article	IF	Citations
91	Correlates of age at menarche among sixth grade students in Wisconsin. Wisconsin Medical Journal, 2005, 104, 65-9.	0.3	4
92	A Framework for Equitable Partnerships to Promote Cancer Prevention and Control in Rural Settings. JNCI Cancer Spectrum, 2022, 6, .	1.4	4
93	Pursuing optimal thresholds to recommend breast biopsy by quantifying the value of tomosynthesis. , 2014, 9037, 90370U.		3
94	Urinary Cadmium and Mammographic Density. Epidemiology, 2017, 28, e6-e7.	1.2	3
95	Clinical outcomes of modelling mammography screening strategies. Health Reports, 2015, 26, 9-15.	0.6	3
96	Does margin width impact breast cancer recurrence rates in women with breast conserving surgery for ductal carcinoma in situ?. Breast Cancer Research and Treatment, 2021, 189, 463-470.	1.1	2
97	Epidemiologic breast cancer research at the UW-Madison: a summary of past accomplishments and future directions. Wisconsin Medical Journal, 2009, 108, 284-5.	0.3	2
98	Distinguishing between CISNET model results versus CISNET models. Cancer, 2018, 124, 1083-1084.	2.0	0
99	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. Annals of Surgical Oncology, 2021, 28, 546-547.	0.7	0
100	Coordinating Centers as a Strategy for Accelerating Cancer Epidemiology Consortia: Best Practices. Current Epidemiology Reports, 2022, 9, 1-9.	1.1	0