Brian L Sprague

List of Publications by Year in descending order

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81900 79698 6,264 133 39 73 citations g-index h-index papers 135 135 135 6919 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Breast Biopsy Recommendations and Breast Cancers Diagnosed during the COVID-19 Pandemic. Radiology, 2022, 303, 287-294.	7.3	21
2	Mammography adherence in relation to function-related indicators in older women. Preventive Medicine, 2022, 154, 106869.	3.4	2
3	Cost-Effectiveness of Screening Mammography Beyond Age 75 Years. Annals of Internal Medicine, 2022, 175, 11-19.	3.9	13
4	Cumulative Advanced Breast Cancer Risk Prediction Model Developed in a Screening Mammography Population. Journal of the National Cancer Institute, 2022, 114, 676-685.	6.3	18
5	The breast pre-cancer atlas illustrates the molecular and micro-environmental diversity of ductal carcinoma in situ. Npj Breast Cancer, 2022, 8, 6.	5.2	13
6	Breast Cancer Screening Strategies for Women With <i>ATM, CHEK2</i> , and <i>PALB2</i> Pathogenic Variants. JAMA Oncology, 2022, 8, 587.	7.1	36
7	Breast Density Knowledge in a Screening Mammography Population Exposed to Density Notification. Journal of the American College of Radiology, 2022, 19, 615-624.	1.8	3
8	The Shared Core Resource as a Partner in Innovative Scientific Research: Illustration from an Academic Microscopy Imaging Center. Journal of Biomolecular Techniques, 2022, 33, 3fc1f5fe.2507f36c.	1.5	4
9	Cumulative Probability of False-Positive Results After 10 Years of Screening With Digital Breast Tomosynthesis vs Digital Mammography. JAMA Network Open, 2022, 5, e222440.	5.9	21
10	Diagnostic Mammography Performance across Racial and Ethnic Groups in a National Network of Community-Based Breast Imaging Facilities. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1324-1333.	2.5	3
11	Association of Screening With Digital Breast Tomosynthesis vs Digital Mammography With Risk of Interval Invasive and Advanced Breast Cancer. JAMA - Journal of the American Medical Association, 2022, 327, 2220.	7.4	25
12	Multilevel Factors Associated With Time to Biopsy After Abnormal Screening Mammography Results by Race and Ethnicity. JAMA Oncology, 2022, 8, 1115.	7.1	28
13	Advanced Breast Cancer Definitions by Staging System Examined in the Breast Cancer Surveillance Consortium. Journal of the National Cancer Institute, 2021, 113, 909-916.	6.3	21
14	Collagen Organization in Relation to Ductal Carcinoma <i>In Situ</i> Pathology and Outcomes. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 80-88.	2.5	21
15	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.	6.3	92
16	Comparative Access to and Use of Digital Breast Tomosynthesis Screening by Women's Race/Ethnicity and Socioeconomic Status. JAMA Network Open, 2021, 4, e2037546.	5.9	28
17	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.	6.3	69
18	Response to Pisano, Gastonis, Sparano, et al. Journal of the National Cancer Institute, 2021, 113, 940-941.	6.3	0

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19	Assessment of a Risk-Based Approach for Triaging Mammography Examinations During Periods of Reduced Capacity. JAMA Network Open, 2021, 4, e211974.	5.9	9
20	Function-related Indicators and Outcomes of Screening Mammography in Older Women: Evidence from the Breast Cancer Surveillance Consortium Cohort. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1582-1590.	2.5	3
21	Identifying key barriers to effective breast cancer control in rural settings. Preventive Medicine, 2021, 152, 106741.	3.4	20
22	Abstract 2531: Function-related indicator and outcomes of screening mammography in older women from the BCSC-Medicare Cohort., 2021,,.		0
23	Association of Breast Density With Breast Cancer Risk Among Women Aged 65 Years or Older by Age Group and Body Mass Index. JAMA Network Open, 2021, 4, e2122810.	5.9	21
24	State-level rurality and cigarette smoking-associated cancer incidence and mortality: Do individual-level trends translate to population-level outcomes?. Preventive Medicine, 2021, 152, 106759.	3.4	3
25	Prioritizing breast imaging services during the COVID pandemic: A survey of breast imaging facilities within the Breast Cancer Surveillance Consortium. Preventive Medicine, 2021, 151, 106540.	3.4	19
26	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.	6.3	9
27	Gradual adoption of needle biopsy for breast lesions in a rural state. Cancer Medicine, 2021, 10, 8320-8327.	2.8	1
28	Comparing Mammographic Density Assessed by Digital Breast Tomosynthesis or Digital Mammography: The Breast Cancer Surveillance Consortium. Radiology, 2021, , 204579.	7.3	10
29	Evaluating Screening Participation, Follow-up, and Outcomes for Breast, Cervical, and Colorectal Cancer in the PROSPR Consortium. Journal of the National Cancer Institute, 2020, 112, 238-246.	6.3	35
30	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.	6.3	48
31	Survey Results Regarding Uptake and Impact of Synthetic Digital Mammography With Tomosynthesis in the Screening Setting. Journal of the American College of Radiology, 2020, 17, 31-37.	1.8	22
32	Screening Mammography Outcomes: Risk of Breast Cancer and Mortality by Comorbidity Score and Age. Journal of the National Cancer Institute, 2020, 112, 599-606.	6.3	29
33	Multicenter Evaluation of Breast Cancer Screening with Digital Breast Tomosynthesis in Combination with Synthetic versus Digital Mammography. Radiology, 2020, 297, 545-553.	7. 3	20
34	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.	2.5	41
35	Screening Performance of Digital Breast Tomosynthesis vs Digital Mammography in Community Practice by Patient Age, Screening Round, and Breast Density. JAMA Network Open, 2020, 3, e2011792.	5.9	68
36	New mammography screening performance metrics based on the entire screening episode. Cancer, 2020, 126, 3289-3296.	4.1	11

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37	Facility Variability in Examination Indication Among Women With Prior Breast Cancer: Implications and the Need for Standardization. Journal of the American College of Radiology, 2020, 17, 755-764.	1.8	9
38	Assessment of Radiologist Performance in Breast Cancer Screening Using Digital Breast Tomosynthesis vs Digital Mammography. JAMA Network Open, 2020, 3, e201759.	5.9	28
39	The Role of Social Determinants of Health in Self-Reported Access to Health Care Among Women Undergoing Screening Mammography. Journal of Women's Health, 2020, 29, 1437-1446.	3.3	23
40	Breast, Cervical, and Colorectal Cancer Screening: Patterns Among Women With Medicaid and Commercial Insurance. American Journal of Preventive Medicine, 2019, 57, 394-402.	3.0	31
41	Patterns of Breast Imaging Use Among Women with a Personal History of Breast Cancer. Journal of General Internal Medicine, 2019, 34, 2098-2106.	2.6	7
42	Strategies to Identify Women at High Risk of Advanced Breast Cancer During Routine Screening for Discussion of Supplemental Imaging. JAMA Internal Medicine, 2019, 179, 1230.	5.1	39
43	Detection Rates for Benign and Malignant Diagnoses on Breast Cancer Screening With Digital Breast Tomosynthesis in a Statewide Mammography Registry Study. American Journal of Roentgenology, 2019, 212, 706-711.	2,2	15
44	Surveillance Breast MRI and Mammography: Comparison in Women with a Personal History of Breast Cancer. Radiology, 2019, 292, 311-318.	7.3	46
45	Performance of Screening Ultrasonography as an Adjunct to Screening Mammography in Women Across the Spectrum of Breast Cancer Risk. JAMA Internal Medicine, 2019, 179, 658.	5.1	66
46	Airborne metals and polycyclic aromatic hydrocarbons in relation to mammographic breast density. Breast Cancer Research, 2019, 21, 24.	5.0	40
47	Digital Breast Tomosynthesis: Radiologist Learning Curve. Radiology, 2019, 291, 34-42.	7.3	24
48	Association of Digital Breast Tomosynthesis vs Digital Mammography With Cancer Detection and Recall Rates by Age and Breast Density. JAMA Oncology, 2019, 5, 635.	7.1	136
49	A Linkage Between Thyroid and Breast Cancer: A Common Etiology?. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 643-649.	2.5	62
50	Multilevel Predictors of Continued Adherence to Breast Cancer Screening Among Women Ages 50–74 Years in a Screening Population. Journal of Women's Health, 2019, 28, 1051-1059.	3.3	10
51	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.	2.5	12
52	$67 \hat{a} \in$ Breast biopsy patterns and findings among older women undergoing screening mammography: what is the impact of age and comorbidity?., 2019 ,,.		0
53	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.	3.1	5
54	Family History and Breast Cancer Risk Among Older Women in the Breast Cancer Surveillance Consortium Cohort. JAMA Internal Medicine, 2018, 178, 494.	5.1	36

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55	Beyond BI-RADS Density: A Call for Quantification in the Breast Imaging Clinic. Radiology, 2018, 286, 401-404.	7.3	24
56	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.	7.4	209
57	Breast Cancer With a Poor Prognosis Diagnosed After Screening Mammography With Negative Results. JAMA Oncology, 2018, 4, 998.	7.1	20
58	Common Model Inputs Used in CISNET Collaborative Breast Cancer Modeling. Medical Decision Making, 2018, 38, 9S-23S.	2.4	37
59	Contribution of Breast Cancer to Overall Mortality for US Women. Medical Decision Making, 2018, 38, 24S-31S.	2.4	22
60	Communication Practices of Mammography Facilities and Timely Follow-up of a Screening Mammogram with a BI-RADS 0 Assessment. Academic Radiology, 2018, 25, 1118-1127.	2.5	13
61	The University of Wisconsin Breast Cancer Epidemiology Simulation Model: An Update. Medical Decision Making, 2018, 38, 99S-111S.	2.4	43
62	Comparative effectiveness of incorporating a hypothetical DCIS prognostic marker into breast cancer screening. Breast Cancer Research and Treatment, 2018, 168, 229-239.	2.5	4
63	Collagen Alignment as a Predictor of Recurrence after Ductal Carcinoma <i>In Situ</i> . Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 138-145.	2.5	94
64	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.	2.5	36
65	The Effect of Digital Breast Tomosynthesis Adoption on Facility-Level Breast Cancer Screening Volume. American Journal of Roentgenology, 2018, 211, 957-963.	2.2	7
66	Health-related behaviors and mortality outcomes in women diagnosed with ductal carcinoma in situ. Journal of Cancer Survivorship, 2017, 11, 320-328.	2.9	10
67	Population-Attributable Risk Proportion of Clinical Risk Factors for Breast Cancer. JAMA Oncology, 2017, 3, 1228.	7.1	165
68	Change in Breast Cancer Screening Intervals Since the 2009 USPSTF Guideline. Journal of Women's Health, 2017, 26, 820-827.	3.3	10
69	Association between air pollution and mammographic breast density in the Breast Cancer Surveilance Consortium. Breast Cancer Research, 2017, 19, 36.	5.0	40
70	National Performance Benchmarks for Modern Diagnostic Digital Mammography: Update from the Breast Cancer Surveillance Consortium. Radiology, 2017, 283, 59-69.	7.3	102
71	National Performance Benchmarks for Modern Screening Digital Mammography: Update from the Breast Cancer Surveillance Consortium. Radiology, 2017, 283, 49-58.	7.3	418
72	Emerging Trends in Family History of Breast Cancer and Associated Risk. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1753-1760.	2.5	33

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73	Performance Benchmarks for Screening Breast MR Imaging in Community Practice. Radiology, 2017, 285, 44-52.	7.3	66
74	Combining quantitative and qualitative breast density measures to assess breast cancer risk. Breast Cancer Research, 2017, 19, 97.	5.0	35
75	Using Breast Cancer Risk Associated Polymorphisms to Identify Women for Breast Cancer Chemoprevention. PLoS ONE, 2017, 12, e0168601.	2.5	16
76	Emerging trends in surgical and adjuvant radiation therapies among women diagnosed with ductal carcinoma in situ. Cancer, 2016, 122, 2810-2818.	4.1	19
77	Access to Care in Vermont: Factors Linked With Time to Chemotherapy for Women With Breast Cancer—A Retrospective Cohort Study. Journal of Oncology Practice, 2016, 12, e848-e857.	2.5	11
78	Variation in Mammographic Breast Density Assessments Among Radiologists in Clinical Practice. Annals of Internal Medicine, 2016, 165, 457.	3.9	148
79	Characterizing the intersection of Co-occurring risk factors for illicit drug abuse and dependence in a U.S. nationally representative sample. Preventive Medicine, 2016, 92, 118-125.	3.4	13
80	Breast cancer screening initiation after turning 40Âyears of age within the PROSPR consortium. Breast Cancer Research and Treatment, 2016, 160, 323-331.	2.5	6
81	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.	3.9	90
82	Collaborative Modeling of the Benefits and Harms Associated With Different U.S. Breast Cancer Screening Strategies. Annals of Internal Medicine, 2016, 164, 215.	3.9	209
83	Multilevel factors associated with long-term adherence to screening mammography in older women in the U.S Preventive Medicine, 2016, 89, 169-177.	3.4	30
84	The impact of mammographic screening on the surgical management of breast cancer. Journal of Surgical Oncology, 2016, 113, 496-500.	1.7	12
85	Breast cancer screening using tomosynthesis in combination with digital mammography compared to digital mammography alone: a cohort study within the PROSPR consortium. Breast Cancer Research and Treatment, 2016, 156, 109-116.	2.5	147
86	Concordance of BI-RADS Assessments and Management Recommendations for Breast MRI in Community Practice. American Journal of Roentgenology, 2016, 206, 211-216.	2.2	5
87	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.	2.5	7
88	Cancer Models and Real-world Data: Better Together: Table 1 Journal of the National Cancer Institute, 2016, 108, djv316.	6.3	12
89	Comparing sensitivity and specificity of screening mammography in the <scp>U</scp> nited <scp>S</scp> tates and <scp>D</scp> enmark. International Journal of Cancer, 2015, 137, 2198-2207.	5.1	52
90	Comparative Effectiveness of Combined Digital Mammography and Tomosynthesis Screening for Women with Dense Breasts. Radiology, 2015, 274, 772-780.	7.3	98

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91	Identifying Women With Dense Breasts at High Risk for Interval Cancer. Annals of Internal Medicine, 2015, 162, 673-681.	3.9	215
92	One versus Two Breast Density Measures to Predict 5- and 10-Year Breast Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 889-897.	2.5	30
93	Increased Risk of Developing Breast Cancer after a False-Positive Screening Mammogram. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1882-1889.	2.5	27
94	Comparison of false positive rates for screening breast magnetic resonance imaging (MRI) in high risk women performed on stacked versus alternating schedules. SpringerPlus, 2015, 4, 77.	1.2	19
95	Comparison of cumulative false-positive risk of screening mammography in the United States and Denmark. Cancer Epidemiology, 2015, 39, 656-663.	1.9	14
96	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.	2.5	55
97	Geospatial and Temporal Analysis of Thyroid Cancer Incidence in a Rural Population. Thyroid, 2015, 25, 812-822.	4.5	35
98	The Effect of Change in Body Mass Index on Volumetric Measures of Mammographic Density. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1724-1730.	2.5	26
99	Breast Tumor Prognostic Characteristics and Biennial vs Annual Mammography, Age, and Menopausal Status. JAMA Oncology, 2015, 1, 1069.	7.1	85
100	Benefits, Harms, and Cost-Effectiveness of Supplemental Ultrasonography Screening for Women With Dense Breasts. Annals of Internal Medicine, 2015, 162, 157-166.	3.9	175
101	Breast Cancer Characteristics Associated With Digital Versus Film-Screen Mammography for Screen-Detected and Interval Cancers. American Journal of Roentgenology, 2015, 205, 676-684.	2.2	30
102	Advanced Breast Imaging Availability by Screening Facility Characteristics. Academic Radiology, 2015, 22, 846-852.	2.5	7
103	Health behavior change following a diagnosis of ductal carcinoma in situ: An opportunity to improve health outcomes. Preventive Medicine, 2015, 80, 53-59.	3.4	6
104	Screening ultrasound as an adjunct to mammography in women with mammographically dense breasts. American Journal of Obstetrics and Gynecology, 2015, 212, 9-17.	1.3	119
105	Primary Care Provider Evaluation of Cancer Survivorship Care Plans Developed for Patients in their Practice. Journal of General Practice (Los Angeles, Calif), 2014, 02, 163.	0.1	12
106	Ductal Carcinoma In Situ: A Brief Review of Treatment Variation and Impacts on Patients and Society. Critical Reviews in Eukaryotic Gene Expression, 2014, 24, 281-286.	0.9	11
107	Registry-based Study of Trends in Breast Cancer Screening Mammography before and after the 2009 U.S. Preventive Services Task Force Recommendations. Radiology, 2014, 270, 354-361.	7.3	59
108	Trends of Postmenopausal Estrogen Plus Progestin Prevalence in the United States Between 1970 and 2010. Obstetrics and Gynecology, 2014, 124, 727-733.	2.4	43

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109	Changes in Breast Cancer Risk Distribution Among Vermont Women Using Screening Mammography. Journal of the National Cancer Institute, 2014, 106, dju157-dju157.	6.3	3
110	Body Mass Index and Breast Cancer Risk According to Postmenopausal Estrogen-Progestin Use and Hormone Receptor Status. Epidemiologic Reviews, 2014, 36, 114-136.	3.5	290
111	Effects of Screening and Systemic Adjuvant Therapy on ER-Specific US Breast Cancer Mortality. Journal of the National Cancer Institute, 2014, 106, .	6.3	120
112	Prevalence of Mammographically Dense Breasts in the United States. Journal of the National Cancer Institute, 2014, 106, .	6.3	281
113	Breast MRI BI-RADS Assessments and Abnormal Interpretation Rates by Clinical Indication in US Community Practices. Academic Radiology, 2014, 21, 1370-1376.	2.5	15
114	Investigation of Mammographic Breast Density as a Risk Factor for Ovarian Cancer. Journal of the National Cancer Institute, 2014, 106, djt341-djt341.	6.3	3
115	Circulating serum xenoestrogens and mammographic breast density. Breast Cancer Research, 2013, 15, R45.	5.0	86
116	Diagnostic imaging and biopsy pathways following abnormal screen-film and digital screening mammography. Breast Cancer Research and Treatment, 2013, 138, 879-887.	2.5	7
117	Variation in tumor natural history contributes to racial disparities in breast cancer stage at diagnosis. Breast Cancer Research and Treatment, 2013, 138, 519-528.	2.5	29
118	Disease-free survival by treatment after a DCIS diagnosis in a population-based cohort study. Breast Cancer Research and Treatment, 2013, 141, 145-154.	2.5	27
119	Patient Satisfaction With Breast and Colorectal Cancer Survivorship Care Plans. Clinical Journal of Oncology Nursing, 2013, 17, 266-272.	0.6	40
120	Serum Factors and Clinical Characteristics Associated with Serum E-Screen Activity. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 962-971.	2.5	2
121	Mammographic Breast Density and Serum Phytoestrogen Levels. Nutrition and Cancer, 2012, 64, 783-789.	2.0	6
122	A Sustained Decline in Postmenopausal Hormone Use. Obstetrics and Gynecology, 2012, 120, 595-603.	2.4	169
123	The vitamin D pathway and mammographic breast density among postmenopausal women. Breast Cancer Research and Treatment, 2012, 131, 255-265.	2.5	21
124	The contribution of postmenopausal hormone use cessation to the declining incidence of breast cancer. Cancer Causes and Control, 2011, 22, 125-134.	1.8	25
125	Circulating Sex Hormones and Mammographic Breast Density among Postmenopausal Women. Hormones and Cancer, 2011, 2, 62-72.	4.9	30
126	Socioeconomic status and survival after an invasive breast cancer diagnosis. Cancer, 2011, 117, 1542-1551.	4.1	124

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127	The Business of Research: Budgets, Personnel, Planning, and Pitfalls—a Report from the American Society of Preventive Oncology's Junior Members Interest Group. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 1802-1804.	2.5	0
128	Change in lifestyle behaviors and medication use after a diagnosis of ductal carcinoma in situ. Breast Cancer Research and Treatment, 2010, 124, 487-495.	2.5	45
129	Prevalence of Breast Carcinoma In Situ in the United States. JAMA - Journal of the American Medical Association, 2009, 302, 846.	7.4	22
130	Thyroid cancer incidence and socioeconomic indicators of health care access. Cancer Causes and Control, 2008, 19, 585-593.	1.8	100
131	Proportion of Invasive Breast Cancer Attributable to Risk Factors Modifiable after Menopause. American Journal of Epidemiology, 2008, 168, 404-411.	3.4	85
132	Lifetime Recreational and Occupational Physical Activity and Risk of In situ and Invasive Breast Cancer. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 236-243.	2.5	73
133	Genetic variation in TP53 and risk of breast cancer in a population-based case–control study. Carcinogenesis, 2007, 28, 1680-1686.	2.8	53