

Barbara L Smith

List of Publications by Year in descending order

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100
papers

5,359
citations

116194

36
h-index

100535

70
g-index

104
all docs

104
docs citations

104
times ranked

5298
citing authors

#	ARTICLE	IF	CITATIONS
1	Lumpectomy Plus Tamoxifen With or Without Irradiation in Women Age 70 Years or Older With Early Breast Cancer: Long-Term Follow-Up of CALGB 9343. <i>Journal of Clinical Oncology</i> , 2013, 31, 2382-2387.	0.8	998
2	Pathologic Complete Response after Neoadjuvant Chemotherapy and Impact on Breast Cancer Recurrence and Survival: A Comprehensive Meta-analysis. <i>Clinical Cancer Research</i> , 2020, 26, 2838-2848.	3.2	403
3	Age, Breast Cancer Subtype Approximation, and Local Recurrence After Breast-Conserving Therapy. <i>Journal of Clinical Oncology</i> , 2011, 29, 3885-3891.	0.8	381
4	RTOG 9804: A Prospective Randomized Trial for Good-Risk Ductal Carcinoma In Situ Comparing Radiotherapy With Observation. <i>Journal of Clinical Oncology</i> , 2015, 33, 709-715.	0.8	329
5	Breast Reconstruction following Nipple-Sparing Mastectomy. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 496-506.	0.7	290
6	Occult Nipple Involvement in Breast Cancer: Clinicopathologic Findings in 316 Consecutive Mastectomy Specimens. <i>Journal of Clinical Oncology</i> , 2009, 27, 4948-4954.	0.8	165
7	Increasing Eligibility for Nipple-Sparing Mastectomy. <i>Annals of Surgical Oncology</i> , 2013, 20, 3218-3222.	0.7	132
8	Nipple-Sparing Mastectomy in BRCA1/2 Mutation Carriers: An Interim Analysis and Review of the Literature. <i>Annals of Surgical Oncology</i> , 2015, 22, 370-376.	0.7	120
9	Eight-year update of a prospective study of wide excision alone for small low- or intermediate-grade ductal carcinoma in situ (DCIS). <i>Breast Cancer Research and Treatment</i> , 2014, 143, 343-350.	1.1	109
10	Oncologic Safety of Nipple-Sparing Mastectomy in Women with Breast Cancer. <i>Journal of the American College of Surgeons</i> , 2017, 225, 361-365.	0.2	108
11	Breast duct anatomy in the human nipple: three-dimensional patterns and clinical implications. <i>Breast Cancer Research and Treatment</i> , 2007, 106, 171-179.	1.1	102
12	Long-term Cosmetic Outcomes and Toxicities of Proton Beam Therapy Compared With Photon-Based 3-Dimensional Conformal Accelerated Partial-Breast Irradiation: A Phase 1 Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 493-500.	0.4	98
13	Pathologic Complete Response After Neoadjuvant Chemotherapy and Long-Term Outcomes Among Young Women With Breast Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2017, 15, 1216-1223.	2.3	88
14	Breast Cancer Diagnosis in Women \geq 40 versus 50 to 60 Years: Increasing Size and Stage Disparity Compared With Older Women Over Time. <i>Annals of Surgical Oncology</i> , 2006, 13, 1072-1077.	0.7	78
15	Quantifying the Impact of Axillary Surgery and Nodal Irradiation on Breast Cancer-Related Lymphedema and Local Tumor Control: Long-Term Results From a Prospective Screening Trial. <i>Journal of Clinical Oncology</i> , 2020, 38, 3430-3438.	0.8	74
16	Using Smartphones to Capture Novel Recovery Metrics After Cancer Surgery. <i>JAMA Surgery</i> , 2020, 155, 123.	2.2	71
17	Real-time, intraoperative detection of residual breast cancer in lumpectomy cavity walls using a novel cathepsin-activated fluorescent imaging system. <i>Breast Cancer Research and Treatment</i> , 2018, 171, 413-420.	1.1	67
18	Nipple-Sparing Mastectomy in Irradiated Breasts: Selecting Patients to Minimize Complications. <i>Annals of Surgical Oncology</i> , 2015, 22, 3331-3337.	0.7	64

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19	Phase II Study of Proton Beam Radiation Therapy for Patients With Breast Cancer Requiring Regional Nodal Irradiation. <i>Journal of Clinical Oncology</i> , 2019, 37, 2778-2785.	0.8	64
20	Microscopic anatomy within the nipple: implications for nipple-sparing mastectomy. <i>American Journal of Surgery</i> , 2007, 194, 433-437.	0.9	62
21	Developing a prognostic index for ductal carcinoma in situ of the breast: Are we there yet?. , 1996, 77, 2189-2192.		58
22	Micro-computed tomography (Micro-CT): a novel approach for intraoperative breast cancer specimen imaging. <i>Breast Cancer Research and Treatment</i> , 2013, 139, 311-316.	1.1	57
23	Single Stage Direct-to-Implant Breast Reconstruction Has Lower Complication Rates Than Tissue Expander and Implant and Comparable Rates to Autologous Reconstruction in Patients Receiving Postmastectomy Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 514-524.	0.4	55
24	An Inferolateral Approach to Nipple-Sparing Mastectomy. <i>Annals of Plastic Surgery</i> , 2010, 65, 140-143.	0.5	54
25	Diagnosis of breast cancer in women age 40 and younger: delays in diagnosis result from underuse of genetic testing and breast imaging. <i>American Journal of Surgery</i> , 2009, 198, 538-543.	0.9	53
26	Nipple-Sparing Mastectomy in Patients with Previous Breast Surgery. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 954e-962e.	0.7	51
27	Nipple Fluid Carcinoembryonic Antigen and Prostate-Specific Antigen in Cancer-Bearing and Tumor-Free Breasts. <i>Journal of Clinical Oncology</i> , 2001, 19, 1462-1467.	0.8	50
28	The Safety of Multiple Re-excisions after Lumpectomy for Breast Cancer. <i>Annals of Surgical Oncology</i> , 2011, 18, 3797-3801.	0.7	48
29	Randomized Phase III Trial Evaluating Radiation Following Surgical Excision for Good-Risk Ductal Carcinoma In Situ: Long-Term Report From NRG Oncology/RT0G 9804. <i>Journal of Clinical Oncology</i> , 2021, 39, 3574-3582.	0.8	48
30	Nipple-Sparing Mastectomy: Lessons from Ex Vivo Procedures. <i>Breast Journal</i> , 2008, 14, 464-470.	0.4	46
31	Positive Nipple Margins in Nipple-Sparing Mastectomies: Rates, Management, and Oncologic Safety. <i>Journal of the American College of Surgeons</i> , 2016, 222, 1149-1155.	0.2	43
32	Lumpectomy Cavity Shaved Margins Do Not Impact Re-excision Rates in Breast Cancer Patients. <i>Annals of Surgical Oncology</i> , 2011, 18, 3036-3040.	0.7	42
33	Implications of New Lumpectomy Margin Guidelines for Breast-Conserving Surgery: Changes in Reexcision Rates and Predicted Rates of Residual Tumor. <i>Annals of Surgical Oncology</i> , 2016, 23, 729-734.	0.7	42
34	Radiofrequency identification tag localization is comparable to wire localization for non-palpable breast lesions. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 735-739.	1.1	41
35	Evaluation of common breast problems: guidance for primary care providers. <i>Ca-A Cancer Journal for Clinicians</i> , 1998, 48, 49-63.	157.7	40
36	Intraoperative micro-computed tomography (micro-CT): a novel method for determination of primary tumour dimensions in breast cancer specimens. <i>British Journal of Radiology</i> , 2016, 89, 20150581.	1.0	40

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37	Review of clinical trials in intraoperative molecular imaging during cancer surgery. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	40
38	Association of pathologic complete response following neoadjuvant chemotherapy with survival among young women with breast cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, 1122-1122.	0.8	38
39	The Impact of Chest Wall Boost on Reconstruction Complications and Local Control in Patients Treated for Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 155-164.	0.4	35
40	Node-Positive Patients Treated with Neoadjuvant Chemotherapy Can Be Spared Axillary Lymph Node Dissection with Wireless Non-Radioactive Localizers. <i>Annals of Surgical Oncology</i> , 2020, 27, 4819-4827.	0.7	32
41	Outcomes of Multiple Wire Localization for Larger Breast Cancers: When Can Mastectomy Be Avoided?. <i>Journal of the American College of Surgeons</i> , 2008, 207, 342-346.	0.2	30
42	A Pilot Study Evaluating Shaved Cavity Margins with Micro-Computed Tomography: A Novel Method for Predicting Lumpectomy Margin Status Intraoperatively. <i>Breast Journal</i> , 2013, 19, n/a-n/a.	0.4	29
43	Intraoperative molecular imaging clinical trials: a review of 2020 conference proceedings. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	28
44	Factors Associated with Recurrence Rates and Long-Term Survival in Women Diagnosed with Breast Cancer Ages 40 and Younger. <i>Annals of Surgical Oncology</i> , 2016, 23, 3212-3220.	0.7	26
45	Spectrally encoded confocal microscopy for diagnosing breast cancer in excision and margin specimens. <i>Laboratory Investigation</i> , 2016, 96, 459-467.	1.7	26
46	Management of Positive Sub-areolar/Nipple Duct Margins in Nipple-Sparing Mastectomies. <i>Breast Journal</i> , 2014, 20, 402-407.	0.4	25
47	Cost Implications of an Evidence-Based Approach to Radiation Treatment After Lumpectomy for Early-Stage Breast Cancer. <i>Journal of Oncology Practice</i> , 2017, 13, e283-e290.	2.5	24
48	Pathologic findings in reduction mammoplasty specimens: a surrogate for the population prevalence of breast cancer and high-risk lesions. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 201-207.	1.1	24
49	Feasibility Study of a Novel Protease-Activated Fluorescent Imaging System for Real-Time, Intraoperative Detection of Residual Breast Cancer in Breast Conserving Surgery. <i>Annals of Surgical Oncology</i> , 2020, 27, 1854-1861.	0.7	23
50	Do Eligibility Criteria for Ductal Carcinoma In Situ (DCIS) Active Surveillance Trials Identify Patients at Low Risk for Upgrade to Invasive Carcinoma?. <i>Annals of Surgical Oncology</i> , 2020, 27, 4459-4465.	0.7	21
51	The Nipple is Just Another Margin. <i>Annals of Surgical Oncology</i> , 2015, 22, 3764-3766.	0.7	20
52	Nipple-Sparing Mastectomy. <i>Advances in Surgery</i> , 2018, 52, 113-126.	0.6	20
53	Should New "No Ink On Tumor" Lumpectomy Margin Guidelines be Applied to Ductal Carcinoma In Situ (DCIS)? A Retrospective Review Using Shaved Cavity Margins. <i>Annals of Surgical Oncology</i> , 2016, 23, 3453-3458.	0.7	19
54	Lumpectomy specimen margins are not reliable in predicting residual disease in breast conserving surgery. <i>American Journal of Surgery</i> , 2015, 210, 93-98.	0.9	16

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55	B-Sure: a randomized pilot trial of an interactive web-based decision support aid versus usual care in average-risk breast cancer patients considering contralateral prophylactic mastectomy. <i>Translational Behavioral Medicine</i> , 2020, 10, 355-363.	1.2	16
56	Optimal breast reconstruction type for patients treated with neoadjuvant chemotherapy, mastectomy followed by radiation therapy. <i>Breast Cancer Research and Treatment</i> , 2020, 183, 127-136.	1.1	16
57	Smartphone Global Positioning System (GPS) Data Enhances Recovery Assessment After Breast Cancer Surgery. <i>Annals of Surgical Oncology</i> , 2021, 28, 985-994.	0.7	16
58	Effectiveness and tolerability of neoadjuvant pertuzumab-containing regimens for HER2-positive localized breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018, 172, 733-740.	1.1	15
59	How Protective are Nipple-Sparing Prophylactic Mastectomies in BRCA1 and BRCA2 Mutation Carriers?. <i>Annals of Surgical Oncology</i> , 2021, 28, 5657-5662.	0.7	15
60	Risk of Developing Breast Reconstruction Complications: A Machine-Learning Nomogram for Individualized Risk Estimation with and without Postmastectomy Radiation Therapy. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 1e-12e.	0.7	15
61	Comparison of intra-operative specimen mammography to standard specimen mammography for excision of non-palpable breast lesions: a randomized trial. <i>Breast Cancer Research and Treatment</i> , 2016, 155, 513-519.	1.1	14
62	Reassessing risk models for atypical hyperplasia: age may not matter. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 285-291.	1.1	14
63	Performance of a novel protease-activated fluorescent imaging system for intraoperative detection of residual breast cancer during breast conserving surgery. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 145-153.	1.1	14
64	Prediction of primary breast cancer size and T-stage using micro-computed tomography in lumpectomy specimens. <i>Journal of Pathology Informatics</i> , 2015, 6, 60.	0.8	14
65	Postmastectomy Radiation Therapy on Permanent Implants or Tissue Expanders. <i>Annals of Surgery</i> , 2021, 274, e974-e979.	2.1	13
66	Magnetic Seeds: An Alternative to Wire Localization for Nonpalpable Breast Lesions. <i>Clinical Breast Cancer</i> , 2022, 22, e700-e707.	1.1	12
67	Enhanced Recovery Minimizes Opioid Use and Hospital Stay for Patients Undergoing Mastectomy with Reconstruction. <i>Annals of Surgical Oncology</i> , 2019, 26, 3464-3471.	0.7	11
68	Incidental breast carcinoma: incidence, management, and outcomes in 4804 bilateral reduction mammoplasties. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 741-748.	1.1	11
69	A system for risk stratification and prioritization of breast cancer surgeries delayed by the COVID-19 pandemic: preparing for re-entry. <i>Breast Cancer Research and Treatment</i> , 2020, 183, 515-524.	1.1	11
70	Clinical Impact of Intraoperative Margin Assessment in Breast-Conserving Surgery With a Novel Pegulicianine Fluorescence-Guided System. <i>JAMA Surgery</i> , 2022, 157, 573.	2.2	10
71	The safety of performing breast reconstruction during the COVID-19 pandemic. <i>Breast Cancer</i> , 2022, 29, 242-246.	1.3	9
72	Locally Recurrent Secretory Carcinoma of the Breast with <i>NTRK3</i> Gene Fusion. <i>Oncologist</i> , 2021, 26, 818-824.	1.9	8

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73	One-Year Experience of Same-Day Mastectomy and Breast Reconstruction Protocol. <i>Annals of Surgical Oncology</i> , 2022, 29, 5711-5719.	0.7	8
74	Outcome of multiple-wire localization for larger breast cancers: do multiple wires translate into additional imaging, biopsies, and recurrences?. <i>American Journal of Surgery</i> , 2009, 198, 368-372.	0.9	7
75	A Study of the Growth Patterns of Breast Carcinoma Using 3D Reconstruction: A Pilot Study. <i>Breast Journal</i> , 2017, 23, 83-89.	0.4	7
76	Decisional conflict among breast cancer patients considering contralateral prophylactic mastectomy. <i>Patient Education and Counseling</i> , 2019, 102, 902-908.	1.0	7
77	Clinical applications of breast pathology: management of in situ breast carcinomas and sentinel node biopsy issues. <i>Modern Pathology</i> , 2010, 23, S33-S35.	2.9	6
78	Randomized trial of medroxyprogesterone acetate for the prevention of endometrial pathology from adjuvant tamoxifen for breast cancer: SWOG S9630. <i>Npj Breast Cancer</i> , 2016, 2, 16024.	2.3	6
79	Nipple Discharge After Nipple-Sparing Mastectomy With and Without Associated Pregnancy. <i>Clinical Breast Cancer</i> , 2019, 19, e534-e539.	1.1	6
80	Web based pathology assessment in RTOG 98-04. <i>Journal of Clinical Pathology</i> , 2014, 67, 777-780.	1.0	5
81	Nipple-Sparing Mastectomy versus Skin-Sparing Mastectomy: Does Saving the Nipple Impact Short- and Long-Term Patient Satisfaction?. <i>Annals of Surgical Oncology</i> , 2022, 29, 1033-1040.	0.7	5
82	Long-Term Outcomes of Multiple-Wire Localizations for More Extensive Breast Cancer: Multiple-Wire Excision Does Not Increase Recurrence, Unplanned Imaging, or Biopsies. <i>Clinical Breast Cancer</i> , 2020, 20, 215-219.	1.1	4
83	Spectrally Encoded Confocal Microscopy for Guiding Lumpectomy. <i>Analytical Cellular Pathology</i> , 2014, 2014, 1-2.	0.7	2
84	Intraoperative lumpectomy cavity margin analysis with far-red fluorescence to reduce volume of tissue excised during breast cancer lumpectomy surgery.. <i>Journal of Clinical Oncology</i> , 2018, 36, e12605-e12605.	0.8	2
85	Pathologic findings in reduction mammoplasty procedures identified by natural language processing of breast pathology reports: A surrogate for the population incidence of cancer and high risk lesions.. <i>Journal of Clinical Oncology</i> , 2018, 36, e13569-e13569.	0.8	2
86	Complications of Breast Surgery. <i>Breast Disease</i> , 2001, 12, 95-101.	0.4	1
87	Similar rates of residual disease in patients with DCIS within 2Âmm of lumpectomy margin regardless of the presence of invasive carcinoma. <i>Breast Cancer Research and Treatment</i> , 2021, 186, 807-814.	1.1	1
88	ASO Visual Abstract: How Protective are Nipple-Sparing Prophylactic Mastectomies in BRCA1 and BRCA2 Mutation Carriers?. <i>Annals of Surgical Oncology</i> , 2021, 28, 594-595.	0.7	1
89	ASO Author Reflections: Prophylactic Nipple-Sparing Mastectomy as an Effective Risk-Reducing Strategy for BRCA Mutation Carriers. <i>Annals of Surgical Oncology</i> , 2021, , 1.	0.7	1
90	ASO Author Reflections: Image-Guided Margin Assessment for Breast Cancer. <i>Annals of Surgical Oncology</i> , 2020, 27, 1862-1863.	0.7	0

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91	ASO Visual Abstract: Nipple-Sparing Mastectomy Versus Skin-Sparing Mastectomy: Does Saving the Nipple Have an Impact on Short- and Long-Term Patient Satisfaction?. Annals of Surgical Oncology, 2021, , 1.	0.7	0
92	Neoadjuvant bevacizumab: Surgical complications of mastectomy with and without reconstruction.. Journal of Clinical Oncology, 2013, 31, 1100-1100.	0.8	0
93	The impact of the Oncotype DX recurrence score pathology-clinical (RSPC) on the predicted recurrence risk for node negative breast cancer patients: A cancer center experience.. Journal of Clinical Oncology, 2014, 32, 570-570.	0.8	0
94	Tolerability and effectiveness of pertuzumab-containing neoadjuvant (NA) regimens vs. AC-TH for HER2-positive (+) localized breast cancer (BC).. Journal of Clinical Oncology, 2016, 34, 586-586.	0.8	0
95	Randomized trial of medroxyprogesterone acetate for prevention of endometrial pathology from adjuvant tamoxifen for breast cancer: SWOG S9630.. Journal of Clinical Oncology, 2016, 34, 547-547.	0.8	0
96	Breast cancer care redesign as an approach to streamline survivorship care: Outcomes and challenges.. Journal of Clinical Oncology, 2017, 35, 9-9.	0.8	0
97	Incidental atypical hyperplasia/LCIS in mammoplasty specimens and subsequent risk of breast cancer.. Journal of Clinical Oncology, 2019, 37, 1561-1561.	0.8	0
98	Abstract OT2-12-03: Pivotal study of the Lum imaging system for assisting intraoperative detection of residual cancer in the tumor bed of female patients with breast cancer: The INCITE trial. Cancer Research, 2022, 82, OT2-12-03-OT2-12-03.	0.4	0
99	Abstract OT2-12-02: Feasibility study to evaluate performance of the LUM imaging system for intraoperative detection of residual tumor in patients with breast cancer receiving neoadjuvant therapy. Cancer Research, 2022, 82, OT2-12-02-OT2-12-02.	0.4	0
100	ASO Visual Abstract: One-Year Experience of Same-Day Mastectomy and Breast Reconstruction Protocol. Annals of Surgical Oncology, 2022, , .	0.7	0