Barbara L Smith

List of Publications by Year
in descending order

100 papers	5,359 citations	101543 36 h-index	88630 70 g-index
104 all docs	104 docs citations	104 times ranked	5040 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. Journal of Clinical Oncology, 2013, 31, 2382-2387.	1.6	998
2	Pathologic Complete Response after Neoadjuvant Chemotherapy and Impact on Breast Cancer Recurrence and Survival: A Comprehensive Meta-analysis. Clinical Cancer Research, 2020, 26, 2838-2848.	7.0	403
3	Age, Breast Cancer Subtype Approximation, and Local Recurrence After Breast-Conserving Therapy. Journal of Clinical Oncology, 2011, 29, 3885-3891.	1.6	381
4	RTOG 9804: A Prospective Randomized Trial for Good-Risk Ductal Carcinoma In Situ Comparing Radiotherapy With Observation. Journal of Clinical Oncology, 2015, 33, 709-715.	1.6	329
5	Breast Reconstruction following Nipple-Sparing Mastectomy. Plastic and Reconstructive Surgery, 2014, 133, 496-506.	1.4	290
6	Occult Nipple Involvement in Breast Cancer: Clinicopathologic Findings in 316 Consecutive Mastectomy Specimens. Journal of Clinical Oncology, 2009, 27, 4948-4954.	1.6	165
7	Increasing Eligibility for Nipple-Sparing Mastectomy. Annals of Surgical Oncology, 2013, 20, 3218-3222.	1.5	132
8	Nipple-Sparing Mastectomy in BRCA1/2 Mutation Carriers: An Interim Analysis and Review of the Literature. Annals of Surgical Oncology, 2015, 22, 370-376.	1.5	120
9	Eight-year update of a prospective study of wide excision alone for small low- or intermediate-grade ductal carcinoma in situ (DCIS). Breast Cancer Research and Treatment, 2014, 143, 343-350.	2.5	109
10	Oncologic Safety of Nipple-Sparing Mastectomy in Women with Breast Cancer. Journal of the American College of Surgeons, 2017, 225, 361-365.	0.5	108
11	Breast duct anatomy in the human nipple: three-dimensional patterns and clinical implications. Breast Cancer Research and Treatment, 2007, 106, 171-179.	2.5	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. International Journal of Radiation Oncology Biology Physics, 2014, 90, 493-500.	0.8	98
13	Pathologic Complete Response After Neoadjuvant Chemotherapy and Long-Term Outcomes Among Young Women With Breast Cancer. Journal of the National Comprehensive Cancer Network: JNCCN, 2017, 15, 1216-1223.	4.9	88
14	Breast Cancer Diagnosis in Women â‰ 40 versus 50 to 60 Years: Increasing Size and Stage Disparity Compared With Older Women Over Time. Annals of Surgical Oncology, 2006, 13, 1072-1077.	1.5	78
15	Quantifying the Impact of Axillary Surgery and Nodal Irradiation on Breast Cancerâ€“Related Lymphedema and Local Tumor Control: Long-Term Results From a Prospective Screening Trial. Journal of Clinical Oncology, 2020, 38, 3430-3438.	1.6	74
16	Using Smartphones to Capture Novel Recovery Metrics After Cancer Surgery. JAMA Surgery, 2020, 155, 123.	4.3	71
17	Real-time, intraoperative detection of residual breast cancer in lumpectomy cavity walls using a novel cathepsin-activated fluorescent imaging system. Breast Cancer Research and Treatment, 2018, 171, 413-420.	2.5	67
18	Nipple-Sparing Mastectomy in Irradiated Breasts: Selecting Patients to Minimize Complications. Annals of Surgical Oncology, 2015, 22, 3331-3337.	1.5	64

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19	Phase II Study of Proton Beam Radiation Therapy for Patients With Breast Cancer Requiring Regional Nodal Irradiation. Journal of Clinical Oncology, 2019, 37, 2778-2785.	1.6	64
20	Microscopic anatomy within the nipple: implications for nipple-sparing mastectomy. American Journal of Surgery, 2007, 194, 433-437.	1.8	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. Breast Cancer Research and Treatment, 2013, 139, 311-316.	2.5	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. International Journal of Radiation Oncology Biology Physics, 2020, 106, 514-524.	0.8	55
24	An Inferolateral Approach to Nipple-Sparing Mastectomy. Annals of Plastic Surgery, 2010, 65, 140-143.	0.9	54
25	Diagnosis of breast cancer in women age 40 and younger: delays in diagnosis result from underuse of genetic testing and breast imaging. American Journal of Surgery, 2009, 198, 538-543.	1.8	53
26	Nipple-Sparing Mastectomy in Patients with Previous Breast Surgery. Plastic and Reconstructive Surgery, 2015, 135, 954e-962e.	1.4	51
27	Nipple Fluid Carcinoembryonic Antigen and Prostate-Specific Antigen in Cancer-Bearing and Tumor-Free Breasts. Journal of Clinical Oncology, 2001, 19, 1462-1467.	1.6	50
28	The Safety of Multiple Re-excisions after Lumpectomy for Breast Cancer. Annals of Surgical Oncology, 2011, 18, 3797-3801.	1.5	48
29	Randomized Phase III Trial Evaluating Radiation Following Surgical Excision for Good-Risk Ductal Carcinoma In Situ: Long-Term Report From NRG Oncology/RTOG 9804. Journal of Clinical Oncology, 2021, 39, 3574-3582.	1.6	48
30	Nipple-Sparing Mastectomy: Lessons from Ex Vivo Procedures. Breast Journal, 2008, 14, 464-470.	1.0	46
31	Positive Nipple Margins in Nipple-Sparing Mastectomies: Rates, Management, and Oncologic Safety. Journal of the American College of Surgeons, 2016, 222, 1149-1155.	0.5	43
32	Lumpectomy Cavity Shaved Margins Do Not Impact Re-excision Rates in Breast Cancer Patients. Annals of Surgical Oncology, 2011, 18, 3036-3040.	1.5	42
33	Implications of New Lumpectomy Margin Guidelines for Breast-Conserving Surgery: Changes in Reexcision Rates and Predicted Rates of Residual Tumor. Annals of Surgical Oncology, 2016, 23, 729-734.	1.5	42
34	Radiofrequency identification tag localization is comparable to wire localization for non-palpable breast lesions. Breast Cancer Research and Treatment, 2019, 177, 735-739.	2.5	41
35	Evaluation of common breast problems: guidance for primary care providers. Ca-A Cancer Journal for Clinicians, 1998, 48, 49-63.	329.8	40
36	Intraoperative micro-computed tomography (micro-CT): a novel method for determination of primary tumour dimensions in breast cancer specimens. British Journal of Radiology, 2016, 89, 20150581.	2.2	40

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37	Review of clinical trials in intraoperative molecular imaging during cancer surgery. Journal of Biomedical Optics, 2019, 24, 1.	2.6	40
38	Association of pathologic complete response following neoadjuvant chemotherapy with survival among young women with breast cancer.. Journal of Clinical Oncology, 2012, 30, 1122-1122.	1.6	38
39	The Impact of Chest Wall Boost on Reconstruction Complications and Local Control in Patients Treated for Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, 155-164.	0.8	35
40	Node-Positive Patients Treated with Neoadjuvant Chemotherapy Can Be Spared Axillary Lymph Node Dissection with Wireless Non-Radioactive Localizers. Annals of Surgical Oncology, 2020, 27, 4819-4827.	1.5	32
41	Outcomes of Multiple Wire Localization for Larger Breast Cancers: When Can Mastectomy Be Avoided?. Journal of the American College of Surgeons, 2008, 207, 342-346.	0.5	30
42	A Pilot Study Evaluating Shaved Cavity Margins with Micro-Computed Tomography: A Novel Method for Predicting Lumpectomy Margin Status Intraoperatively. Breast Journal, 2013, 19, n/a-n/a.	1.0	29
43	Intraoperative molecular imaging clinical trials: a review of 2020 conference proceedings. Journal of Biomedical Optics, 2021, 26, .	2.6	28
44	Factors Associated with Recurrence Rates and Long-Term Survival in Women Diagnosed with Breast Cancer Ages 40 and Younger. Annals of Surgical Oncology, 2016, 23, 3212-3220.	1.5	26
45	Spectrally encoded confocal microscopy for diagnosing breast cancer in excision and margin specimens. Laboratory Investigation, 2016, 96, 459-467.	3.7	26
46	Management of Positive Sub-areolar/Nipple Duct Margins in Nipple-Sparing Mastectomies. Breast Journal, 2014, 20, 402-407.	1.0	25
47	Cost Implications of an Evidence-Based Approach to Radiation Treatment After Lumpectomy for Early-Stage Breast Cancer. Journal of Oncology Practice, 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. Breast Cancer Research and Treatment, 2019, 173, 201-207.	2.5	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. Annals of Surgical Oncology, 2020, 27, 1854-1861.	1.5	23
50	Do Eligibility Criteria for Ductal Carcinoma In Situ (DCIS) Active Surveillance Trials Identify Patients at Low Risk for Upgrade to Invasive Carcinoma?. Annals of Surgical Oncology, 2020, 27, 4459-4465.	1.5	21
51	The Nipple is Just Another Margin. Annals of Surgical Oncology, 2015, 22, 3764-3766.	1.5	20
52	Nipple-Sparing Mastectomy. Advances in Surgery, 2018, 52, 113-126.	1.3	20
53	Should New â€œNo Ink On Tumorâ€•Lumpectomy Margin Guidelines be Applied to Ductal Carcinoma In Situ (DCIS)? A Retrospective Review Using Shaved Cavity Margins. Annals of Surgical Oncology, 2016, 23, 3453-3458.	1.5	19
54	Lumpectomy specimen margins are not reliableÂin predicting residual disease in breast conserving surgery. American Journal of Surgery, 2015, 210, 93-98.	1.8	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. Translational Behavioral Medicine, 2020, 10, 355-363.	2.4	16
56	Optimal breast reconstruction type for patients treated with neoadjuvant chemotherapy, mastectomy followed by radiation therapy. Breast Cancer Research and Treatment, 2020, 183, 127-136.	2.5	16
57	Smartphone Global Positioning System (GPS) Data Enhances Recovery Assessment After Breast Cancer Surgery. Annals of Surgical Oncology, 2021, 28, 985-994.	1.5	16
58	Effectiveness and tolerability of neoadjuvant pertuzumab-containing regimens for HER2-positive localized breast cancer. Breast Cancer Research and Treatment, 2018, 172, 733-740.	2.5	15
59	How Protective are Nipple-Sparing Prophylactic Mastectomies in BRCA1 and BRCA2 Mutation Carriers?. Annals of Surgical Oncology, 2021, 28, 5657-5662.	1.5	15
60	Risk of Developing Breast Reconstruction Complications: A Machine-Learning Nomogram for Individualized Risk Estimation with and without Postmastectomy Radiation Therapy. Plastic and Reconstructive Surgery, 2022, 149, 1e-12e.	1.4	15
61	Comparison of intra-operative specimen mammography to standard specimen mammography for excision of non-palpable breast lesions: a randomized trial. Breast Cancer Research and Treatment, 2016, 155, 513-519.	2.5	14
62	Reassessing risk models for atypical hyperplasia: age may not matter. Breast Cancer Research and Treatment, 2017, 165, 285-291.	2.5	14
63	Performance of a novel protease-activated fluorescent imaging system for intraoperative detection of residual breast cancer during breast conserving surgery. Breast Cancer Research and Treatment, 2021, 187, 145-153.	2.5	14
64	Prediction of primary breast cancer size and T-stage using micro-computed tomography in lumpectomy specimens. Journal of Pathology Informatics, 2015, 6, 60.	1.7	14
65	Postmastectomy Radiation Therapy on Permanent Implants or Tissue Expanders. Annals of Surgery, 2021, 274, e974-e979.	4.2	13
66	Magnetic Seeds: An Alternative to Wire Localization for Nonpalpable Breast Lesions. Clinical Breast Cancer, 2022, 22, e700-e707.	2.4	12
67	Enhanced Recovery Minimizes Opioid Use and Hospital Stay for Patients Undergoing Mastectomy with Reconstruction. Annals of Surgical Oncology, 2019, 26, 3464-3471.	1.5	11
68	Incidental breast carcinoma: incidence, management, and outcomes in 4804 bilateral reduction mammoplasties. Breast Cancer Research and Treatment, 2019, 177, 741-748.	2.5	11
69	A system for risk stratification and prioritization of breast cancer surgeries delayed by the COVID-19 pandemic: preparing for re-entry. Breast Cancer Research and Treatment, 2020, 183, 515-524.	2.5	11
70	Clinical Impact of Intraoperative Margin Assessment in Breast-Conserving Surgery With a Novel Pegulicianine Fluorescenceâ€“Guided System. JAMA Surgery, 2022, 157, 573.	4.3	10
71	The safety of performing breast reconstruction during the COVID-19 pandemic. Breast Cancer, 2022, 29, 242-246.	2.9	9
72	Locally Recurrent Secretory Carcinoma of the Breast with NTRK3 Gene Fusion. Oncologist, 2021, 26, 818-824.	3.7	8

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73	One-Year Experience of Same-Day Mastectomy and Breast Reconstruction Protocol. Annals of Surgical Oncology, 2022, 29, 5711-5719.	1.5	8
74	Outcome of multiple-wire localization for larger breast cancers: do multiple wires translate into additional imaging, biopsies, and recurrences?. American Journal of Surgery, 2009, 198, 368-372.	1.8	7
75	A Study of the Growth Patterns of Breast Carcinoma Using 3D Reconstruction: A Pilot Study. Breast Journal, 2017, 23, 83-89.	1.0	7
76	Decisional conflict among breast cancer patients considering contralateral prophylactic mastectomy. Patient Education and Counseling, 2019, 102, 902-908.	2.2	7
77	Clinical applications of breast pathology: management of in situ breast carcinomas and sentinel node biopsy issues. Modern Pathology, 2010, 23, S33-S35.	5.5	6
78	Randomized trial of medroxyprogesterone acetate for the prevention of endometrial pathology from adjuvant tamoxifen for breast cancer: SWOG S9630. Npj Breast Cancer, 2016, 2, 16024.	5.2	6
79	Nipple Discharge After Nipple-Sparing Mastectomy With and Without Associated Pregnancy. Clinical Breast Cancer, 2019, 19, e534-e539.	2.4	6
80	Web based pathology assessment in RTOG 98-04. Journal of Clinical Pathology, 2014, 67, 777-780.	2.0	5
81	Nipple-Sparing Mastectomy versus Skin-Sparing Mastectomy: Does Saving the Nipple Impact Short- and Long-Term Patient Satisfaction?. Annals of Surgical Oncology, 2022, 29, 1033-1040.	1.5	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. Clinical Breast Cancer, 2020, 20, 215-219.	2.4	4
83	Spectrally Encoded Confocal Microscopy for Guiding Lumpectomy. Analytical Cellular Pathology, 2014, 2014, 1-2.	1.4	2
84	Intraoperative lumpectomy cavity margin analysis with far-red fluorescence to reduce volume of tissue excised during breast cancer lumpectomy surgery.. Journal of Clinical Oncology, 2018, 36, e12605-e12605.	1.6	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.. Journal of Clinical Oncology, 2018, 36, e13569-e13569.	1.6	2
86	Complications of Breast Surgery. Breast Disease, 2001, 12, 95-101.	0.8	1
87	Similar rates of residual disease in patients with DCIS within 2Âmm of lumpectomy margin regardless of the presence of invasive carcinoma. Breast Cancer Research and Treatment, 2021, 186, 807-814.	2.5	1
88	ASO Visual Abstract: How Protective are Nipple-Sparing Prophylactic Mastectomies in BRCA1 and BRCA2 Mutation Carriers?. Annals of Surgical Oncology, 2021, 28, 594-595.	1.5	1
89	ASO Author Reflections: Prophylactic Nipple-Sparing Mastectomy as an Effective Risk-Reducing Strategy for BRCA Mutation Carriers. Annals of Surgical Oncology, 2021, , 1.	1.5	1
90	ASO Author Reflections: Image-Guided Margin Assessment for Breast Cancer. Annals of Surgical Oncology, 2020, 27, 1862-1863.	1.5	0

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91	ASO Visual Abstract: Nipple-SparingÂMastectomyÂVersusÂSkin-SparingÂMastectomyâ€"DoesÂSaving theÂNippleÂHave an ImpactÂon Short- andÂLong-TermÂPatientÂSatisfaction?. Annals of Surgical Oncology, 2021, , 1.	1.5	0
92	Neoadjuvant bevacizumab: Surgical complications of mastectomy with and without reconstruction.. Journal of Clinical Oncology, 2013, 31, 1100-1100.	1.6	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.	1.6	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.	1.6	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.	1.6	0
96	Breast cancer care redesign as an approach to streamline survivorship care: Outcomes and challenges.. Journal of Clinical Oncology, 2017, 35, 9-9.	1.6	0
97	Incidental atypical hyperplasia/LCIS in mammoplasty specimens and subsequent risk of breast cancer.. Journal of Clinical Oncology, 2019, 37, 1561-1561.	1.6	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.	0.9	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.	0.9	0
100	ASO Visual Abstract: One-Year Experience of Same-Day Mastectomy and Breast Reconstruction Protocol. Annals of Surgical Oncology, 2022, , .	1.5	0