

# Beom Seok Ko

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

1,127  
citations

623734

14  
h-index

552781

26  
g-index

124  
all docs

124  
docs citations

124  
times ranked

1492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic accuracy and safety of $^{18}\text{F}$ -fluoro- $^{18}\text{F}$ -oestradiol PET-CT for the assessment of oestrogen receptor status in recurrent or metastatic lesions in patients with breast cancer: a prospective cohort study. <i>Lancet Oncology</i> , The, 2019, 20, 546-555.	10.7	85
2	Breast Cancer Recurrence in the Nipple-Areola Complex After Nipple-Sparing Mastectomy With Immediate Breast Reconstruction for Invasive Breast Cancer. <i>JAMA Surgery</i> , 2019, 154, 1030.	4.3	75
3	Artificial Intelligence in Health Care: Current Applications and Issues. <i>Journal of Korean Medical Science</i> , 2020, 35, e379.	2.5	46
4	Changing Patterns in the Clinical Characteristics of Korean Breast Cancer from 1996-2010 Using an Online Nationwide Breast Cancer Database. <i>Journal of Breast Cancer</i> , 2012, 15, 393.	1.9	45
5	A retrospective prognostic evaluation analysis using the 8th edition of the American Joint Committee on Cancer staging system for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018, 169, 257-266.	2.5	41
6	Long-term Oncologic Outcomes of Immediate Breast Reconstruction vs Conventional Mastectomy Alone for Breast Cancer in the Setting of Neoadjuvant Chemotherapy. <i>JAMA Surgery</i> , 2020, 155, 1142.	4.3	41
7	The Basic Facts of Korean Breast Cancer in 2012: Results from a Nationwide Survey and Breast Cancer Registry Database. <i>Journal of Breast Cancer</i> , 2015, 18, 103.	1.9	39
8	Impact of air pollution on breast cancer incidence and mortality: a nationwide analysis in South Korea. <i>Scientific Reports</i> , 2020, 10, 5392.	3.3	38
9	Risk Factor for Axillary Lymph Node Metastases in Microinvasive Breast Cancer. <i>Annals of Surgical Oncology</i> , 2012, 19, 212-216.	1.5	32
10	Robot-assisted Nipple-sparing Mastectomy With Immediate Breast Reconstruction. <i>Annals of Surgery</i> , 2022, 275, 985-991.	4.2	29
11	Diagnostic performance of breast-specific gamma imaging in the assessment of residual tumor after neoadjuvant chemotherapy in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2014, 145, 91-100.	2.5	26
12	A Nomogram for Predicting the Oncotype DX Recurrence Score in Women with T1-3N0-1miMO Hormone Receptor-Positive, Human Epidermal Growth Factor 2 (HER2)-Negative Breast Cancer. <i>Cancer Research and Treatment</i> , 2019, 51, 1073-1085.	3.0	23
13	Recurrence Outcomes After Nipple-Sparing Mastectomy and Immediate Breast Reconstruction in Patients with Pure Ductal Carcinoma In Situ. <i>Annals of Surgical Oncology</i> , 2020, 27, 1627-1635.	1.5	22
14	Novel cancer gene variants and gene fusions of triple-negative breast cancers (TNBCs) reveal their molecular diversity conserved in the patient-derived xenograft (PDX) model. <i>Cancer Letters</i> , 2018, 428, 127-138.	7.2	19
15	Survival of Breast-Conserving Surgery Plus Radiotherapy versus Total Mastectomy in Early Breast Cancer. <i>Annals of Surgical Oncology</i> , 2021, 28, 5039-5047.	1.5	18
16	Axillary Lymph Node Dissection Does Not Improve Post-mastectomy Overall or Disease-Free Survival among Breast Cancer Patients with 1-3 Positive Nodes. <i>Cancer Research and Treatment</i> , 2019, 51, 1011-1021.	3.0	18
17	Comparing Accuracy of Mammography and Magnetic Resonance Imaging for Residual Calcified Lesions in Breast Cancer Patients Undergoing Neoadjuvant Systemic Therapy. <i>Clinical Breast Cancer</i> , 2018, 18, e1087-e1091.	2.4	17
18	MRI-based 3D-printed surgical guides for breast cancer patients who received neoadjuvant chemotherapy. <i>Scientific Reports</i> , 2019, 9, 11991.	3.3	17

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19	Oncologic Safety of Nipple-Sparing Mastectomy in Patients with Breast Cancer and Tumor-to-Nipple Distance: A Matched Cohort Study. <i>Annals of Surgical Oncology</i> , 2021, 28, 4284-4291.	1.5	16
20	Claudin 1, 3, 4, and 7 expression in triple-negative breast cancer. <i>Journal of Clinical Oncology</i> , 2013, 31, 1070-1070.	1.6	16
21	Patient reporting pain intensity immediately after surgery can be associated with underlying depression in women with breast cancer. <i>Psycho-Oncology</i> , 2016, 25, 308-315.	2.3	15
22	Survival improvement in hormone-responsive young breast cancer patients with endocrine therapy. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 311-320.	2.5	15
23	Age-related risk factors associated with primary contralateral breast cancer among younger women versus older women. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 657-665.	2.5	15
24	Interaction between body mass index and hormone-receptor status as a prognostic factor in lymph-node-positive breast cancer. <i>PLoS ONE</i> , 2017, 12, e0170311.	2.5	15
25	Concurrent Gonadotropin-Releasing Hormone Agonist Administration with Chemotherapy Improves Neoadjuvant Chemotherapy Responses in Young Premenopausal Breast Cancer Patients. <i>Journal of Breast Cancer</i> , 2015, 18, 365.	1.9	14
26	Genetic polymorphism of ESR1 rs2881766 increases breast cancer risk in Korean women. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 633-645.	2.5	14
27	Long-term outcomes of patients with breast cancer after nipple-sparing mastectomy/skin-sparing mastectomy followed by immediate transverse rectus abdominis musculocutaneous flap reconstruction. <i>Medicine (United States)</i> , 2018, 97, e0680.	1.0	14
28	Locoregional recurrence following nipple-sparing mastectomy with immediate breast reconstruction: Patterns and prognostic significance. <i>European Journal of Surgical Oncology</i> , 2021, 47, 1309-1315.	1.0	13
29	No Association of Positive Superficial and/or Deep Margins with Local Recurrence in Invasive Breast Cancer Treated with Breast-Conserving Surgery. <i>Cancer Research and Treatment</i> , 2018, 50, 275-282.	3.0	13
30	Chronological Improvement in Survival of Patients with Breast Cancer: A Large-Scale, Single-Center Study. <i>Journal of Breast Cancer</i> , 2018, 21, 70.	1.9	12
31	Clinical Implication of HER2 Status in Hormone Receptor-Positive Mucinous Breast Cancer. <i>Annals of Surgical Oncology</i> , 2019, 26, 2166-2174.	1.5	12
32	Effect of Tamoxifen on the Risk of Osteoporosis and Osteoporotic Fracture in Younger Breast Cancer Survivors: A Nationwide Study. <i>Frontiers in Oncology</i> , 2020, 10, 366.	2.8	12
33	Survival Outcomes of Different Treatment Methods for the Ipsilateral Breast of Occult Breast Cancer Patients with Axillary Lymph Node Metastasis: A Single Center Experience. <i>Journal of Breast Cancer</i> , 2013, 16, 410.	1.9	11
34	Analysis of the serial circulating tumor cell count during neoadjuvant chemotherapy in breast cancer patients. <i>Scientific Reports</i> , 2020, 10, 17466.	3.3	11
35	Breast tumor movements analysis using MRI scans in prone and supine positions. <i>Scientific Reports</i> , 2020, 10, 4858.	3.3	11
36	Breast cancer diagnosis by analysis of serum N-glycans using MALDI-TOF mass spectroscopy. <i>PLoS ONE</i> , 2020, 15, e0231004.	2.5	11

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37	Potential of MALDI-TOF-based serum N-glycan analysis for the diagnosis and surveillance of breast cancer. <i>Scientific Reports</i> , 2020, 10, 19136.	3.3	10
38	Breast-conserving surgery with 3D-printed surgical guide: a single-center, prospective clinical study. <i>Scientific Reports</i> , 2021, 11, 2252.	3.3	10
39	A Mobile Technology for Collecting Patient-Reported Physical Activity and Distress Outcomes: Cross-Sectional Cohort Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e17320.	3.7	10
40	A Propensity Score-matched Analysis of Long-term Oncologic Outcomes After Nipple-sparing Versus Conventional Mastectomy for Locally Advanced Breast Cancer. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	4.2	10
41	Evaluation of the Prognostic Stage in the 8th Edition of the American Joint Committee on Cancer in Patients with Breast Cancer and Internal Mammary Lymph Node Metastasis. <i>Anticancer Research</i> , 2018, 38, 5357-5361.	1.1	9
42	Sentinel node biopsy alone for breast cancer patients with residual nodal disease after neoadjuvant chemotherapy. <i>Scientific Reports</i> , 2021, 11, 9056.	3.3	9
43	Risk of Endometrial Cancer and Frequencies of Invasive Endometrial Procedures in Young Breast Cancer Survivors Treated With Tamoxifen: A Nationwide Study. <i>Frontiers in Oncology</i> , 2021, 11, 636378.	2.8	9
44	Oncologic Outcomes of Nipple-sparing Mastectomy and Immediate Reconstruction After Neoadjuvant Chemotherapy for Breast Cancer. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, e1196-e1201.	4.2	9
45	Magnetic resonance imaging based 3-dimensional printed breast surgical guide for breast-conserving surgery in ductal carcinoma in situ: a clinical trial. <i>Scientific Reports</i> , 2020, 10, 18534.	3.3	8
46	Long-term survival outcomes of repeat lumpectomy for ipsilateral breast tumor recurrence: a propensity score-matched analysis. <i>Breast Cancer Research and Treatment</i> , 2021, 185, 155-164.	2.5	8
47	Robot-assisted breast reconstruction using the prepectoral anterior tenting method. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 2906-2915.	1.0	8
48	Accuracy evaluation of a 3D printing surgical guide for breast-conserving surgery using a realistic breast phantom. <i>Computers in Biology and Medicine</i> , 2021, 137, 104784.	7.0	8
49	Usefulness of 3D-surgical guides in breast conserving surgery after neoadjuvant treatment. <i>Scientific Reports</i> , 2021, 11, 3376.	3.3	7
50	Plasma Proteome Signature to Predict the Outcome of Breast Cancer Patients Receiving Neoadjuvant Chemotherapy. <i>Cancers</i> , 2021, 13, 6267.	3.7	7
51	Large genomic rearrangement of BRCA1 and BRCA2 genes in familial breast cancer patients in Korea. <i>Familial Cancer</i> , 2014, 13, 205-211.	1.9	6
52	Characteristics and prognosis of breast cancer after liver or kidney transplantation. <i>Breast Cancer Research and Treatment</i> , 2018, 167, 101-106.	2.5	6
53	The role of postoperative radiotherapy after primary tumor resection in patients with de novo stage IV breast cancer. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2021, 17, 495-505.	1.1	6
54	Prognosis according to clinical and pathologic lymph node status in breast cancer patients who underwent sentinel lymph node biopsy alone after neoadjuvant therapy. <i>PLoS ONE</i> , 2021, 16, e0251597.	2.5	6

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55	Survival Outcome of Combined GnRH Agonist and Tamoxifen Is Comparable to That of Sequential Adriamycin and Cyclophosphamide Chemotherapy Plus Tamoxifen in Premenopausal Patients with Lymph-Node–Negative, Hormone-Responsive, HER2-Negative, T1-T2 Breast Cancer. <i>Cancer Research and Treatment</i> , 2016, 48, 1351-1362.	3.0	6
56	A nomogram for predicting probability of low risk of MammaPrint results in women with clinically high-risk breast cancer. <i>Scientific Reports</i> , 2021, 11, 23509.	3.3	6
57	Ectopic Male Breast Cancer in the Perineum: A Case Report. <i>Journal of Breast Cancer</i> , 2017, 20, 404.	1.9	5
58	Risk stratification system for groups with a low, intermediate, and high risk of subsequent distant metastasis and death following isolated locoregional recurrence of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2020, 179, 315-324.	2.5	5
59	The effects of poloxamer and sodium alginate mixture (Guardix-SG®) on range of motion after axillary lymph node dissection: A single-center, prospective, randomized, double-blind pilot study. <i>PLoS ONE</i> , 2020, 15, e0238284.	2.5	5
60	Tumor-Infiltrating Lymphocytes in Human Epidermal Growth Factor Receptor 2-Positive Breast Cancer Receiving Neoadjuvant Docetaxel, Carboplatin, Trastuzumab, and Pertuzumab. <i>Journal of Breast Cancer</i> , 2021, 24, 359.	1.9	4
61	A propensity score-matched comparison of recurrence outcomes after immediate implant vs autologous flap reconstruction in patients receiving neoadjuvant chemotherapy for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 417-425.	2.5	4
62	The Impact of Androgen Receptor and Histone Deacetylase 1 Expression on the Prognosis of Ductal Carcinoma <i>in Situ</i> . <i>Journal of Breast Cancer</i> , 2020, 23, 610.	1.9	4
63	Oncologic outcomes of immediate breast reconstruction in young women with breast cancer receiving neoadjuvant chemotherapy. <i>Breast Cancer Research and Treatment</i> , 2022, 191, 345-354.	2.5	4
64	Survival analysis according to period and analysis of the factors influencing changes in survival in patients with recurrent breast cancer: a large-scale, single-center study. <i>Breast Cancer</i> , 2018, 25, 639-649.	2.9	3
65	Prediction of Late Breast Cancer-Specific Mortality in Recurrence-Free Breast Cancer Survivors Treated for Five Years with Tamoxifen. <i>Journal of Breast Cancer</i> , 2019, 22, 387.	1.9	3
66	A Review of Three-Dimensional Printing Technology for Medical Applications. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 213.	0.2	3
67	Survival outcome of adjuvant endocrine therapy alone for patients with lymph node-positive, hormone-responsive, HER2-negative breast cancer. <i>Asian Journal of Surgery</i> , 2019, 42, 914-921.	0.4	3
68	Feasibility of supine MRI (Magnetic Resonance Imaging)-navigated ultrasound in breast cancer patients. <i>Asian Journal of Surgery</i> , 2020, 43, 787-794.	0.4	3
69	Changes in bone mineral density during 5 years of adjuvant treatment in premenopausal breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2020, 180, 657-663.	2.5	3
70	Breast-Conserving Surgery after Neoadjuvant Chemotherapy Using a Three-Dimensional-Printed Surgical Guide Based on Supine Magnetic Resonance Imaging: A Case Report. <i>Journal of Breast Cancer</i> , 2021, 24, 235.	1.9	3
71	Usefulness of 3-Dimensional-Printed Breast Surgical Guides for Undetectable Ductal Carcinoma <i>In Situ</i> on Ultrasonography: A Report of 2 Cases. <i>Journal of Breast Cancer</i> , 2021, 24, 349-355.	1.9	3
72	Case Report: A 3D-Printed Surgical Guide for Breast-Conserving Surgery After Neoadjuvant Chemotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 633302.	2.8	3

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73	Comparison of metabolic changes after neoadjuvant endocrine and chemotherapy in ER-positive, HER2-negative breast cancer. <i>Scientific Reports</i> , 2021, 11, 10510.	3.3	3
74	Prediction of Underestimation Using Contrast-Enhanced Spectral Mammography in Patients Diagnosed as Ductal Carcinoma In Situ on Preoperative Core Biopsy. <i>Clinical Breast Cancer</i> , 2022, 22, e374-e386.	2.4	3
75	Breast cancer outcomes following immediate breast reconstruction with implants versus autologous flaps: a propensity score-matched study. <i>Breast Cancer Research and Treatment</i> , 2022, 191, 365-373.	2.5	3
76	Clinicopathological characteristics and outcomes of malignant adenomyoepithelioma of the breast: a single institution's experience. <i>World Journal of Surgical Oncology</i> , 2022, 20, 128.	1.9	3
77	Association between tumor 18F-fluorodeoxyglucose metabolism and survival in women with estrogen receptor-positive, HER2-negative breast cancer. <i>Scientific Reports</i> , 2022, 12, 7858.	3.3	3
78	Recurrence at Nipple-Areola Complex and Safety of Nipple-Sparing Mastectomy—Reply. <i>JAMA Surgery</i> , 2020, 155, 365.	4.3	2
79	Comparison of survival outcomes for axillary surgery extent based on intraoperative sentinel lymph node biopsy result after neoadjuvant chemotherapy for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 647-655.	2.5	2
80	Change in Estradiol Levels among Premenopausal Patients with Breast Cancer Treated Using Leuprolide Acetate 11.25 Milligrams 3-Month Depot and Tamoxifen. <i>Journal of Breast Cancer</i> , 2020, 23, 553.	1.9	2
81	Salivary Duct Cancer Metastasis Mimicking Primary Breast Cancer: A Case Report and Review. <i>Journal of Breast Cancer</i> , 2019, 22, 653.	1.9	2
82	Improvement of survival in Korean breast cancer patients over a 14-year period: A large-scale single-center study. <i>PLoS ONE</i> , 2022, 17, e0265533.	2.5	2
83	A randomized, prospective, multicenter trial of 3D printing, a patient-specific surgical guide for breast-conserving surgery after neoadjuvant chemotherapy: Comparative evaluation according to the presence or absence of surgical guide. <i>Journal of Clinical Oncology</i> , 2022, 40, 576-576.	1.6	2
84	Is asymptomatic surveillance beneficial after standard treatment? A 10-year survival analysis of recurrent BC patients by detection method of recurrence. <i>Breast Journal</i> , 2020, 26, 556-559.	1.0	1
85	Tumor localization for breast cancer patients receiving neoadjuvant chemotherapy. <i>Breast Cancer Research and Treatment</i> , 2021, 185, 531-532.	2.5	1
86	Prognostic value of p53 expression in hormone receptor-positive and human epidermal growth factor receptor 2-negative breast cancer patients receiving neoadjuvant chemotherapy. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 447-454.	2.5	1
87	Effectiveness of a 6-Month 22.5-mg Leuprolide Acetate Depot Formulation With Tamoxifen for Postoperative Premenopausal Estrogen Suppression in Hormone Receptor-Positive Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 665426.	2.8	1
88	Tumor-to-Nipple Distance and the Safety of Nipple-Sparing Mastectomy. <i>Plastic and Reconstructive Surgery</i> , 2021, Publish Ahead of Print, 158e-159e.	1.4	1
89	Factors Predicting Locoregional Recurrence After Neoadjuvant Chemotherapy and Nipple-Sparing/Skin-Sparing Mastectomy With Immediate Breast Reconstruction. <i>Frontiers in Oncology</i> , 2021, 11, 675955.	2.8	1
90	ASO Author Reflections: Do Shorter Tumor-to-Nipple Distances Compromise the Local Oncologic Safety of Nipple-Sparing Mastectomy?. <i>Annals of Surgical Oncology</i> , 2021, 28, 4292-4293.	1.5	1

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91	Changes in the Hormone Receptors and the HER2 Expression in Primary and Recurrent Breast Cancer. Journal of Breast Cancer, 2009, 12, 331.	1.9	1
92	Bilateral Metachronous Paget's Disease of the Accessory Breasts in a Male. Journal of Breast Cancer, 2020, 23, 665.	1.9	1
93	Chemotherapy for ipsilateral breast tumor recurrence: a propensity score-matching study. Breast Cancer Research and Treatment, 2022, 192, 143-152.	2.5	1
94	The patterns and spatial locations of local recurrence in breast cancer with implant-based reconstruction after mastectomy. Radiotherapy and Oncology, 2022, , .	0.6	1
95	Clinical Course and Predictors of Subsequent Recurrence and Survival of Patients With Ipsilateral Breast Tumor Recurrence. Cancer Control, 2022, 29, 107327482210894.	1.8	1
96	Serum Level Change of Follicle Stimulating Hormone in Menopausal Women with Breast Cancer according to Age in Korea. Journal of Breast Cancer, 2011, 14, S31.	1.9	0
97	Residual disease after mastectomy. Lancet Oncology, The, 2020, 21, e500.	10.7	0
98	ASO Author Reflections: Risk of Locoregional Recurrence After Nipple-Sparing Mastectomy and Immediate Breast Reconstruction for Pure Ductal Carcinoma In Situ. Annals of Surgical Oncology, 2020, 27, 1636-1637.	1.5	0
99	Data on distant metastasis and survival after locoregional recurrence following nipple-sparing mastectomy and immediate breast reconstruction. Data in Brief, 2021, 35, 106837.	1.0	0
100	Oncologic Safety and Surveillance of Autologous Fat Grafting following Breast Conservation Therapy. Plastic and Reconstructive Surgery, 2021, 147, 1059e-1059e.	1.4	0
101	Impact of Local Breast Cancer Recurrence on Reconstructed Breast in Nipple-Sparing Mastectomy with Immediate Reconstruction. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, , .	1.0	0
102	Letter to the Editor: The Impact of Neoadjuvant Chemotherapy on Margin Re-excision in Breast-conserving Surgery. World Journal of Surgery, 2022, 46, 288-289.	1.6	0
103	Stage, biology, and age.. Journal of Clinical Oncology, 2013, 31, e11512-e11512.	1.6	0
104	Approach to Serial Liquid Biopsy: Enrichment of circulating tumor cells (CTC) in breast cancer patients for cancer panel analysis.. Journal of Clinical Oncology, 2015, 33, e22029-e22029.	1.6	0
105	Prognosis of breast cancer as a result of late recurrence in hormone receptor-positive tumor.. Journal of Clinical Oncology, 2015, 33, e11587-e11587.	1.6	0
106	Fabrication and application of supine MRI-based 3D breast surgical guide for precise breast conserving surgery in breast cancer patients.. Journal of Clinical Oncology, 2018, 36, e12612-e12612.	1.6	0
107	Abstract P4-09-03: Factors affecting the parenting stress and depression in young women with breast cancer. Cancer Research, 2022, 82, P4-09-03-P4-09-03.	0.9	0
108	Abstract OT2-12-01: Mastectomy with reconstruction including robot endoscopic surgery (MARRES): A prospective cohort study of the Korea robot-endoscopy minimal access breast surgery study group (KoREa-BSG). Cancer Research, 2022, 82, OT2-12-01-OT2-12-01.	0.9	0

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109	Abstract P4-10-18: The effects of preoperative personalized music therapy associated with the patient-doctor relationship and surgical experience of patients with breast cancer (MARS). Cancer Research, 2022, 82, P4-10-18-P4-10-18.	0.9	0
110	Abstract P3-21-02: Robotic nipple sparing mastectomy in the management of breast cancer and prophylactic surgeries with SP system. Cancer Research, 2022, 82, P3-21-02-P3-21-02.	0.9	0
111	Is There a Difference in the Diagnosis and Prognosis of Local Recurrence between Autologous Tissue and Implant-Based Breast Reconstruction?. Breast Journal, 2022, 2022, 1-8.	1.0	0