Michael Golatta

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Prognosis of breast cancer molecular subtypes in routine clinical care: A large prospective cohort study. BMC Cancer, 2016, 16, 734.	2.6	126
2	Eliminating the breast cancer surgery paradigm after neoadjuvant systemic therapy: current evidence and future challenges. Annals of Oncology, 2020, 31, 61-71.	1.2	119
3	Structural and functional analysis of ataxin-2 and ataxin-3. FEBS Journal, 2004, 271, 3155-3170.	0.2	118
4	The risk of contralateral breast cancer in patients from BRCA1/2 negative high risk families as compared to patients from BRCA1 or BRCA2 positive families: a retrospective cohort study. Breast Cancer Research, 2012, 14, R156.	5.0	112
5	Plasma MicroRNA Panel for Minimally Invasive Detection of Breast Cancer. PLoS ONE, 2013, 8, e76729.	2.5	112
6	High-risk breast cancer surveillance with MRI: 10-year experience from the German consortium for hereditary breast and ovarian cancer. Breast Cancer Research and Treatment, 2019, 175, 217-228.	2.5	94
7	Can Routine Imaging After Neoadjuvant Chemotherapy in Breast Cancer Predict Pathologic Complete Response?. Annals of Surgical Oncology, 2016, 23, 789-795.	1.5	84
8	Evaluation of Virtual Touch Tissue Imaging Quantification, a New Shear Wave Velocity Imaging Method, for Breast Lesion Assessment by Ultrasound. BioMed Research International, 2014, 2014, 1-7.	1.9	77
9	Interobserver reliability of automated breast volume scanner (ABVS) interpretation and agreement of ABVS findings with hand held breast ultrasound (HHUS), mammography and pathology results. European Journal of Radiology, 2013, 82, e332-e336.	2.6	66
10	Normal breast tissue stiffness measured by a new ultrasound technique: Virtual touch tissue imaging quantification (VTIQ). European Journal of Radiology, 2013, 82, e676-e679.	2.6	61
11	Can a pathological complete response of breast cancer after neoadjuvant chemotherapy be diagnosed by minimal invasive biopsy?. European Journal of Cancer, 2016, 69, 142-150.	2.8	59
12	Changes in chemotherapy usage and outcome of early breast cancer patients in the last decade. Breast Cancer Research and Treatment, 2016, 160, 491-499.	2.5	54
13	Detection of Human Papillomavirus Infection in Patients with Vaginal Intraepithelial Neoplasia. PLoS ONE, 2016, 11, e0167386.	2.5	53
14	Aesthetic and functional results after breast conserving surgery as correlates of quality of life measured by a German version of the Breast Cancer Treatment Outcome Scale (BCTOS). Breast, 2010, 19, 470-474.	2.2	52
15	Dedicated computer-aided detection software for automated 3D breast ultrasound; an efficient tool for the radiologist in supplemental screening of women with dense breasts. European Radiology, 2018, 28, 2996-3006.	4.5	52
16	Do Reexcisions Impair Aesthetic Outcome in Breast Conservation Surgery? Exploratory Analysis of a Prospective Cohort Study. Annals of Surgical Oncology, 2012, 19, 541-547.	1.5	51
17	A plasma metabolite panel as biomarkers for early primary breast cancer detection. International Journal of Cancer, 2019, 144, 2833-2842.	5.1	50
18	Prediction of underestimated invasiveness in patients with ductal carcinoma inÂsitu of the breast on percutaneous biopsy as rationale for recommending concurrent sentinel lymph node biopsy. Breast, 2013, 22, 537-542.	2.2	48

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19	Long-term objective esthetic outcome after breast-conserving therapy. Breast Cancer Research and Treatment, 2015, 153, 345-351.	2.5	46
20	Change of aesthetic and functional outcome over time and their relationship to quality of life after breast conserving therapy. European Journal of Surgical Oncology, 2011, 37, 116-121.	1.0	45
21	Aesthetics in Breast Conserving Therapy: Do Objectively Measured Results Match Patients' Evaluations?. Annals of Surgical Oncology, 2011, 18, 134-138.	1.5	45
22	Identification of breast cancer patients with pathologic complete response in the breast after neoadjuvant systemic treatment by an intelligent vacuum-assisted biopsy. European Journal of Cancer, 2021, 143, 134-146.	2.8	44
23	Outcome analysis of patients with primary breast cancer initially treated at a certified academic breast unit. Breast, 2012, 21, 303-308.	2.2	42
24	Evaluation of an automated breast 3D-ultrasound system by comparing it with hand-held ultrasound (HHUS) and mammography. Archives of Gynecology and Obstetrics, 2015, 291, 889-895.	1.7	41
25	The association between breast cancer and S100P methylation in peripheral blood by multicenter case–control studies. Carcinogenesis, 2017, 38, 312-320.	2.8	41
26	Mucin 1-specific B cell immune responses and their impact on overall survival in breast cancer patients. Oncolmmunology, 2016, 5, e1057387.	4.6	38
27	Diagnosing Pathologic Complete Response in the Breast After Neoadjuvant Systemic Treatment of Breast Cancer Patients by Minimal Invasive Biopsy. Annals of Surgery, 2022, 275, 576-581.	4.2	38
28	Objective assessment of aesthetic outcome after breast conserving therapy: Subjective third party panel rating and objective BCCT.core software evaluation. Breast, 2012, 21, 61-65.	2.2	36
29	Predictors of early poor aesthetic outcome after breast-conserving surgery in patients with breast cancer: Initial results of a prospective cohort study at a single institution. Journal of Surgical Oncology, 2014, 110, 801-806.	1.7	34
30	Cell-free circulating DNA integrity is an independent predictor of impending breast cancer recurrence. Oncotarget, 2017, 8, 54537-54547.	1.8	34
31	DNA methylation array analysis identifies breast cancer associated <i>RPTOR</i> , <i>MGRN1</i> and <i>RAPSN</i> hypomethylation in peripheral blood DNA. Oncotarget, 2016, 7, 64191-64202.	1.8	33
32	Change of Patient-Reported Aesthetic Outcome Over Time and Identification of Factors Characterizing Poor Aesthetic Outcome After Breast-Conserving Therapy: Long-Term Results of a Prospective Cohort Study. Annals of Surgical Oncology, 2016, 23, 1744-1751.	1.5	33
33	RESPONDER – diagnosis of pathological complete response by vacuum-assisted biopsy after neoadjuvant chemotherapy in breast Cancer - a multicenter, confirmative, one-armed, intra-individually-controlled, open, diagnostic trial. BMC Cancer, 2018, 18, 851.	2.6	32
34	Do patients with invasive lobular breast cancer benefit in terms of adequate change in surgical therapy from a supplementary preoperative breast MRI?. Annals of Oncology, 2012, 23, 98-104.	1.2	31
35	Intelligent Vacuum-Assisted Biopsy to Identify Breast Cancer Patients With Pathologic Complete Response (ypT0 and ypN0) After Neoadjuvant Systemic Treatment for Omission of Breast and Axillary Surgery. Journal of Clinical Oncology, 2022, 40, 1903-1915.	1.6	31
36	Efficacy and toxicity profile of pegylated liposomal doxorubicin (Caelyx) in patients with advanced breast cancer. Anti-Cancer Drugs, 2014, 25, 219-224.	1.4	27

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37	Time trends of neoadjuvant chemotherapy for early breast cancer. International Journal of Cancer, 2020, 147, 3049-3058.	5.1	26
38	Do Patients After Reexcision Due to Involved or Close Margins Have the Same Risk of Local Recurrence as Those After One-Step Breast-Conserving Surgery?. Annals of Surgical Oncology, 2016, 23, 1831-1837.	1.5	25
39	Does a Supplementary Preoperative Breast MRI in Patients with Invasive Lobular Breast Cancer Change Primary and Secondary Surgical Interventions?. Annals of Surgical Oncology, 2011, 18, 2143-2149.	1.5	24
40	Ultrasound-guided cryoablation of breast fibroadenoma: a pilot trial. Archives of Gynecology and Obstetrics, 2015, 291, 1355-1360.	1.7	24
41	Adherence to the breast cancer surveillance program for women at risk for familial breast and ovarian cancer versus overscreening: a monocenter study in Germany. Breast Cancer Research and Treatment, 2016, 156, 289-299.	2.5	23
42	Diagnostic accuracy of axillary staging by ultrasound in early breast cancer patients. European Journal of Radiology, 2021, 135, 109468.	2.6	23
43	Initial results of the FUSION-X-US prototype combining 3D automated breast ultrasound and digital breast tomosynthesis. European Radiology, 2018, 28, 2499-2506.	4.5	21
44	Which patients with sentinel node-positive breast cancer after breast conservation still receive completion axillary lymph node dissection in routine clinical practice?. Breast Cancer Research and Treatment, 2019, 173, 429-438.	2.5	21
45	The potential of combined shear wave and strain elastography to reduce unnecessary biopsies in breast cancer diagnostics – An international, multicentre trial. European Journal of Cancer, 2022, 161, 1-9.	2.8	21
46	Clinical Validation of the BREAST-Q Breast-Conserving Therapy Module. Annals of Surgical Oncology, 2019, 26, 2759-2767.	1.5	20
47	Breast Cancer Mastectomy Trends Between 2006 and 2010: Association with Magnetic Resonance Imaging, Immediate Breast Reconstruction, and Hospital Volume. Annals of Surgical Oncology, 2013, 20, 3839-3846.	1.5	19
48	Ultrasound Guided Cryoablation of Fibroadenomas. Ultraschall in Der Medizin, 2013, 34, 64-68.	1.5	19
49	Is Mastectomy Oncologically Safer than Breast-Conserving Treatment in Early Breast Cancer. Breast Care, 2017, 12, 385-390.	1.4	19
50	Evaluation of Promoter Methylation of RASSF1A and ATM in Peripheral Blood of Breast Cancer Patients and Healthy Control Individuals. International Journal of Molecular Sciences, 2018, 19, 900.	4.1	18
51	Heterogeneous Responses of Axillary Lymph Node Metastases to Neoadjuvant Chemotherapy are Common and Depend on Breast Cancer Subtype. Annals of Surgical Oncology, 2019, 26, 4381-4389.	1.5	18
52	9q31.2-rs865686 as a Susceptibility Locus for Estrogen Receptor-Positive Breast Cancer: Evidence from the Breast Cancer Association Consortium. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 1783-1791.	2.5	17
53	Efficacy of intraoperative specimen radiography as margin assessment tool in breast conserving surgery. Breast Cancer Research and Treatment, 2020, 179, 425-433.	2.5	16
54	Disseminated Tumor Cells in the Bone Marrow of Patients with Operable Primary Breast Cancer: Prognostic Impact in Immunophenotypic Subgroups and Clinical Implication for Bisphosphonate Treatment. Annals of Surgical Oncology, 2016, 23, 757-766.	1.5	15

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55	Evolution of the Use of Completion Axillary Lymph Node Dissection in Patients with T1/2NOMO Breast Cancer and Tumour-Involved Sentinel Lymph Nodes Undergoing Mastectomy: A Cohort Study. Annals of Surgical Oncology, 2019, 26, 2435-2443.	1.5	15
56	Changes of breast and axillary surgery patterns in patients with primary breast cancer during the past decade. Archives of Gynecology and Obstetrics, 2019, 299, 1043-1053.	1.7	15
57	Contrast of Digital and Health Literacy Between IT and Health Care Specialists Highlights the Importance of Multidisciplinary Teams for Digital Health—A Pilot Study. JCO Clinical Cancer Informatics, 2021, 5, 734-745.	2.1	15
58	Vacuum-Assisted Breast Biopsy After Neoadjuvant Systemic Treatment for Reliable Exclusion of Residual Cancer in Breast Cancer Patients. Annals of Surgical Oncology, 2022, 29, 1076-1084.	1.5	15
59	Prediction of pathological complete response in breast cancer patients during neoadjuvant chemotherapy: Is shear wave elastography a useful tool in clinical routine?. European Journal of Radiology, 2020, 128, 109025.	2.6	14
60	Development and psychometric validation of a shorter version of the Breast Cancer Treatment Outcome Scale (BCTOS-12). Breast, 2018, 38, 58-65.	2.2	12
61	Long-Term Patient Satisfaction and Quality of Life After Breast-Conserving Therapy: A Prospective Study Using the BREAST-Q. Annals of Surgical Oncology, 2021, 28, 8742-8751.	1.5	12
62	Pathological Response in the Breast and Axillary Lymph Nodes after Neoadjuvant Systemic Treatment in Patients with Initially Node-Positive Breast Cancer Correlates with Disease Free Survival: An Exploratory Analysis of the GeparOcto Trial. Cancers, 2022, 14, 521.	3.7	12
63	Extent of Primary Breast Cancer Surgery: Standards and Individualized Concepts. Breast Care, 2012, 7, 364-369.	1.4	11
64	A New Practical Decision Rule to Better Differentiate <scp>Blâ€RADS</scp> 3 or 4 Breast Masses on Breast Ultrasound. Journal of Ultrasound in Medicine, 2022, 41, 427-436.	1.7	11
65	The Potential of Shear Wave Elastography to Reduce Unnecessary Biopsies in Breast Cancer Diagnosis: An International, Diagnostic, Multicenter Trial. Ultraschall in Der Medizin, 2023, 44, 162-168.	1.5	11
66	Long-term experiences with genetic consultation in people with hereditary breast and ovarian cancer. Archives of Gynecology and Obstetrics, 2016, 294, 1011-1018.	1.7	10
67	The Collagenase of the Bacterium Clostridium histolyticum in the Treatment of Irradiation-Induced Capsular Contracture. Aesthetic Plastic Surgery, 2019, 43, 836-844.	0.9	10
68	Comparison of Prenatal Risk Calculation (PRC) with PIA Fetal Database software in firstâ€ŧrimester screening for fetal aneuploidy. Ultrasound in Obstetrics and Gynecology, 2009, 33, 147-151.	1.7	9
69	Analysis of the distribution shift of detected aneuploidies by age independent first trimester screening. Archives of Gynecology and Obstetrics, 2010, 281, 393-399.	1.7	9
70	Women at familial risk of breast cancer electing for prophylactic mastectomy: frequencies, procedures, and decision-making characteristics. Archives of Gynecology and Obstetrics, 2017, 295, 1451-1458.	1.7	9
71	Inter-rater reliability and double reading analysis of an automated three-dimensional breast ultrasound system: comparison of two independent examiners. Archives of Gynecology and Obstetrics, 2017, 296, 571-582.	1.7	9
72	Consensus Meeting of Breast Imaging: BI-RADS® and Beyond. Breast Care, 2019, 14, 308-314.	1.4	9

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73	Acute Toxicity and Early Oncological Outcomes After Intraoperative Electron Radiotherapy (IOERT) as Boost Followed by Whole Breast Irradiation in 157 Early Stage Breast Cancer Patients—First Clinical Results From a Single Center. Frontiers in Oncology, 2019, 9, 384.	2.8	9
74	Abstract GS5-03: Diagnosing residual disease and pathologic complete response after neoadjuvant chemotherapy in breast cancer patients by image-guided vacuum-assisted breast biopsy: Results of a prospective multicenter trial. Cancer Research, 2020, 80, GS5-03-GS5-03.	0.9	9
75	Clinical and molecular characterization of the BRCA2 p.Asn3124lle variant reveals substantial evidence for pathogenic significance. Breast Cancer Research and Treatment, 2014, 145, 451-460.	2.5	8
76	Oncotype DX® in breast cancer patients: clinical experience, outcome and follow-up—a case–control study. Archives of Gynecology and Obstetrics, 2018, 297, 443-447.	1.7	8
77	Evaluation of the FUSION-X-US-II prototype to combine automated breast ultrasound and tomosynthesis. European Radiology, 2021, 31, 3712-3720.	4.5	8
78	The importance of multi-modal imaging and clinical information for humans and AI-based algorithms to classify breast masses (INSPiRED 003): an international, multicenter analysis. European Radiology, 2022, 32, 4101-4115.	4.5	8
79	Intravenous pamidronate versus oral and intravenous clodronate in bone metastatic breast cancer: a randomized, open-label, non-inferiority Phase III trial. OncoTargets and Therapy, 2016, Volume 9, 4173-4180.	2.0	7
80	Non-sentinel axillary tumor burden applying the ACOSOG Z0011 eligibility criteria to a large routine cohort. Breast Cancer Research and Treatment, 2019, 177, 457-467.	2.5	7
81	Quality of life after simultaneously integrated boost with intensity-modulated versus conventional radiotherapy with sequential boost for adjuvant treatment of breast cancer: 2-year results of the multicenter randomized IMRT-MC2 trial. Radiotherapy and Oncology, 2021, 163, 165-176.	0.6	7
82	Preliminary analysis of the new †Prenatal Risk Calculation (PRC)' software. Archives of Gynecology and Obstetrics, 2009, 279, 511-515.	1.7	6
83	Age-independent first trimester screening for Down syndrome: analysis of three modified software programs with 6,508 pregnancies. Archives of Gynecology and Obstetrics, 2011, 283, 749-754.	1.7	6
84	Implementation of a novel efficacy score to compare sealing and cutting devices in a porcine model. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1002-1011.	2.4	6
85	The Lack of Evidence for an Association between Cancer Biomarker Conversion Patterns and CTC-Status in Patients with Metastatic Breast Cancer. International Journal of Molecular Sciences, 2020, 21, 2161.	4.1	6
86	LECANDUS study (LEsion CANdidate Detection in UltraSound Data): evaluation of image analysis algorithms for breast lesion detection in volume ultrasound data. Archives of Gynecology and Obstetrics, 2016, 294, 423-428.	1.7	5
87	Efficacy and toxicity profile of pegylated liposomal doxorubicin in patients with advanced ovarian cancer. Archives of Gynecology and Obstetrics, 2016, 294, 123-129.	1.7	5
88	Locoregional risk assessment after neoadjuvant chemotherapy in patients with primary breast cancer: clinical utility of the CPS + EG score. Breast Cancer Research and Treatment, 2019, 177, 437-446.	2.5	5
89	Exam preparatory course for the 2nd part of the German medical examination in obstetrics and gynecology – a potential tool for the recruitment of new residents during the occupational decision process before the practical year?. BMC Medical Education, 2019, 19, 24.	2.4	5
90	Prediction of local recurrence risk after neoadjuvant chemotherapy in patients with primary breast cancer: Clinical utility of the MD Anderson Prognostic Index. PLoS ONE, 2019, 14, e0211337.	2.5	5

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91	Best Practice Guideline – DEGUM Recommendations on Breast Ultrasound. Ultraschall in Der Medizin, 2022, 43, 570-582.	1.5	5
92	Impact of reproductive factors on breast cancer subtypes in postmenopausal women: a retrospective single-center study. Archives of Gynecology and Obstetrics, 2017, 295, 971-978.	1.7	4
93	Standards of hygiene for ultrasound-guided core cut biopsies of the breast. Ultraschall in Der Medizin, 2018, 39, 636-642.	1.5	4
94	Parity improves anti-tumor immunity in breast cancer patients. Oncotarget, 2017, 8, 104981-104991.	1.8	4
95	How previous treatment changes the metabolomic profile in patients with metastatic breast cancer. Archives of Gynecology and Obstetrics, 2022, 306, 2115-2122.	1.7	4
96	Detected, yet not Diagnosed – Breast Cancer Screening with MRI Mammography in High-Risk Women. Breast Care, 2012, 7, 236-239.	1.4	3
97	Recall management of patients with Rofil Medical breast implants. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2014, 67, 939-945.	1.0	3
98	Breast cancer presentation and therapy in migrant versus native German patients: contrasting and convergent data of a retrospective monocentric study. Archives of Gynecology and Obstetrics, 2016, 294, 145-152.	1.7	3
99	Vacuum-Assisted Biopsy to Diagnose a Pathological Complete Response in Breast Cancer Patients After Neoadjuvant Systemic Therapy. Annals of Surgery, 2018, 268, e60-e61.	4.2	3
100	Analyzing non-sentinel axillary metastases in patients with T3–T4 cN0 early breast cancer and tumor-involved sentinel lymph nodes undergoing breast-conserving therapy or mastectomy. Breast Cancer Research and Treatment, 2020, 184, 627-636.	2.5	3
101	Detection and Removal of Ceramic Clip Markers from Breast Tissue by Ultrasound-Guided, Vacuum-Assisted Minimally Invasive Biopsy in a Turkey Breast Model. Ultrasound in Medicine and Biology, 2017, 43, 341-345.	1.5	2
102	Is Breast Surgery Necessary for Breast Carcinoma in Complete Remission Following Neoadjuvant Chemotherapy?. Geburtshilfe Und Frauenheilkunde, 2018, 78, 48-53.	1.8	2
103	Do hospital type or caseload make a difference in chemotherapy treatment patterns for early breast cancer? Results from 104 German institutions, 2008–2017. Breast, 2021, 58, 63-71.	2.2	2
104	Does conventional specimen radiography after neoadjuvant chemotherapy of breast cancer help to reduce the rate of second surgeries?. Breast Cancer Research and Treatment, 2022, 191, 589-598.	2.5	2
105	Molecular and clinical characterization of an in frame deletion of uncertain clinical significance in the BRCA2 gene. Breast Cancer Research and Treatment, 2012, 133, 725-734.	2.5	1
106	Concept for fast breast cancer ultrasound screening in addition to mammography $\mathbf{\hat{s}} \in \mathbf{\hat{s}}$ first clinical results. , 2019, , .		1
107	Adjuvant Radiation Therapy for Male Breast Cancer—A Rare Indication?. Cancers, 2020, 12, 3645.	3.7	1
108	Surgeon's preference of subcutaneous tissue resection: most important factor for short-term complications in subcutaneous implant placement after mastectomy—results of a cohort study. Archives of Gynecology and Obstetrics, 2020, 301, 1037-1045.	1.7	1

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109	Measurement and Optimizing Cosmetic Outcomes for Breast Excisions/Factors Influencing Aesthetic Outcomes of Breast Conservation Surgery. , 2020, , 93-106.		1
110	Methods of Esthetic Assessment after Adjuvant Whole-Breast Radiotherapy in Breast Cancer Patients: Evaluation of the BCCT.core Software and Patients' and Physicians' Assessment from the Randomized IMRT-MC2 Trial. Cancers, 2022, 14, 3010.	3.7	1
111	Upper Blepharoplasty for Areola Reconstruction. Geburtshilfe Und Frauenheilkunde, 2013, 73, 720-723.	1.8	0
112	Quality of life and anxiety of patients affected by the PIP/Rofil Medical breast implant recall: results from a prospective monocentre cohort study. Archives of Gynecology and Obstetrics, 2014, 290, 957-962.	1.7	0
113	Investigation of Global Methylation in Peripheral Blood from Breast Cancer Patients. Journal of Molecular Biomarkers & Diagnosis, 2017, 01, .	0.4	0
114	First proof-of-concept evaluation of the FUSION-X-US-II prototype for the performance of automated breast ultrasound in healthy volunteers. Archives of Gynecology and Obstetrics, 2021, 304, 559-566.	1.7	0
115	ASO Visual Abstract: Long-Term Patient Satisfaction and Quality of Life after Breast-Conserving Therapy—A Prospective Study Using the BREAST-Q. Annals of Surgical Oncology, 2021, 28, 583-583.	1.5	0
116	ASO Visual Abstract: Vacuum-Assisted Breast Biopsy After Neoadjuvant Systemic Treatment to Reliably Exclude Residual Cancer in Breast Cancer Patients. Annals of Surgical Oncology, 2022, 29, 1085-1086.	1.5	0
117	Abstract PD7-02: Intelligent vacuum-assisted breast biopsy to identify breast cancer patients with pathologic complete response after neoadjuvant systemic treatment for omission of breast and axillary surgery. Cancer Research, 2022, 82, PD7-02-PD7-02.	0.9	0
118	Abstract PD11-05: Intelligent shear-wave elastography to reduce unnecessary biopsies in breast cancer diagnosis (INSPiRED 002): An international, multicenter analysis. Cancer Research, 2022, 82, PD11-05-PD11-05.	0.9	0
119	Abstract P2-12-08: Impact of summation dose intensity product on pathologic response in patients receiving neoadjuvant chemotherapy for early breast cancer. Cancer Research, 2022, 82, P2-12-08.	0.9	0