

Joo Hee Cha

List of Publications by Year in descending order

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72
papers

1,430
citations

304743

22
h-index

395702

33
g-index

73
all docs

73
docs citations

73
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Ultrasound of the Breast for Diagnosis: Interobserver Agreement on Lesion Detection and Characterization. <i>American Journal of Roentgenology</i> , 2011, 197, 747-754.	2.2	82
2	Current status of automated breast ultrasonography. <i>Ultrasonography</i> , 2015, 34, 165-172.	2.3	77
3	Predicting Prognostic Factors of Breast Cancer Using Shear Wave Elastography. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 269-274.	1.5	55
4	Association of <i>BRCA1</i> Mutation Types, Imaging Features, and Pathologic Findings in Patients With Breast Cancer With <i>BRCA1</i> and <i>BRCA2</i> Mutations. <i>American Journal of Roentgenology</i> , 2017, 209, 920-928.	2.2	55
5	Comparison of mammography, digital breast tomosynthesis, automated breast ultrasound, magnetic resonance imaging in evaluation of residual tumor after neoadjuvant chemotherapy. <i>European Journal of Radiology</i> , 2018, 108, 261-268.	2.6	43
6	Comparison of readout segmented echo planar imaging (EPI) and EPI with reduced field-of-view diffusion-weighted imaging at 3t in patients with breast cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1679-1688.	3.4	42
7	Characterization of tumor and adjacent peritumoral stroma in patients with breast cancer using high-resolution diffusion-weighted imaging: Correlation with pathologic biomarkers. <i>European Journal of Radiology</i> , 2016, 85, 1004-1011.	2.6	42
8	Unenhanced magnetic resonance screening using fused diffusion-weighted imaging and maximum-intensity projection in patients with a personal history of breast cancer: role of fused DWI for postoperative screening. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 119-128.	2.5	39
9	Automated breast ultrasound system (ABUS): reproducibility of mass localization, size measurement, and characterization on serial examinations. <i>Acta Radiologica</i> , 2015, 56, 1163-1170.	1.1	37
10	Tumor apparent diffusion coefficient as an imaging biomarker to predict tumor aggressiveness in patients with estrogen-receptor-positive breast cancer. <i>NMR in Biomedicine</i> , 2016, 29, 1070-1078.	2.8	37
11	Correlation Between MRI and the Level of Tumor-Infiltrating Lymphocytes in Patients With Triple-Negative Breast Cancer. <i>American Journal of Roentgenology</i> , 2016, 207, 1146-1151.	2.2	37
12	Reassessment and Follow-Up Results of BI-RADS Category 3 Lesions Detected on Screening Breast Ultrasound. <i>American Journal of Roentgenology</i> , 2016, 206, 666-672.	2.2	36
13	Diagnostic Performance of Automated Breast Ultrasound as a Replacement for a Hand-Held Second-Look Ultrasound for Breast Lesions Detected Initially on Magnetic Resonance Imaging. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 2246-2254.	1.5	35
14	Predictive Clinicopathologic and Dynamic Contrast-Enhanced MRI Findings for Tumor Response to Neoadjuvant Chemotherapy in Triple-Negative Breast Cancer. <i>American Journal of Roentgenology</i> , 2017, 208, W225-W230.	2.2	34
15	Computer-aided detection system for masses in automated whole breast ultrasonography: development and evaluation of the effectiveness. <i>Ultrasonography</i> , 2014, 33, 105-115.	2.3	34
16	Second-look ultrasonography for MRI-detected suspicious breast lesions in patients with breast cancer. <i>Ultrasonography</i> , 2015, 34, 125-132.	2.3	31
17	Digital breast tomosynthesis versus full-field digital mammography: comparison of the accuracy of lesion measurement and characterization using specimens. <i>Acta Radiologica</i> , 2014, 55, 661-667.	1.1	29
18	Does breast density measured through population-based screening independently increase breast cancer risk in Asian females?. <i>Clinical Epidemiology</i> , 2018, Volume 10, 61-70.	3.0	29

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19	Added Value of the Vascular Index on Superb Microvascular Imaging for the Evaluation of Breast Masses. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 715-723.	1.7	29
20	Breast MR Imaging before Surgery: Outcomes in Patients with Invasive Lobular Carcinoma by Using Propensity Score Matching. <i>Radiology</i> , 2018, 287, 771-777.	7.3	28
21	Surgical Outcomes for Ductal Carcinoma in Situ: Impact of Preoperative MRI. <i>Radiology</i> , 2020, 295, 296-303.	7.3	26
22	Relationship between background parenchymal enhancement on breast MRI and pathological tumor response in breast cancer patients receiving neoadjuvant chemotherapy. <i>British Journal of Radiology</i> , 2018, 91, 20170550.	2.2	25
23	Predicting the level of tumor-infiltrating lymphocytes in patients with triple-negative breast cancer: Usefulness of breast MRI computer-aided detection and diagnosis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 760-766.	3.4	24
24	The Role of High-Resolution Magic Angle Spinning ¹ H Nuclear Magnetic Resonance Spectroscopy for Predicting the Invasive Component in Patients with Ductal Carcinoma In Situ Diagnosed on Preoperative Biopsy. <i>PLoS ONE</i> , 2016, 11, e0161038.	2.5	23
25	Prevalence of Women with Dense Breasts in Korea: Results from a Nationwide Cross-sectional Study. <i>Cancer Research and Treatment</i> , 2019, 51, 1295-1301.	3.0	22
26	Radial scars/complex sclerosing lesions of the breast: radiologic and clinicopathologic correlation. <i>BMC Medical Imaging</i> , 2018, 18, 39.	2.7	21
27	Fully iterative scatter corrected digital breast tomosynthesis using GPU-based fast Monte Carlo simulation and composition ratio update. <i>Medical Physics</i> , 2015, 42, 5342-5355.	3.0	19
28	The Accuracy of Breast MR Imaging for Measuring the Size of a Breast Cancer: Analysis of the Histopathologic Factors. <i>Clinical Breast Cancer</i> , 2016, 16, e145-e152.	2.4	19
29	Screening mammography for second breast cancers in women with history of early-stage breast cancer: factors and causes associated with non-detection. <i>BMC Medical Imaging</i> , 2019, 19, 2.	2.7	19
30	Complete response on MR imaging after neoadjuvant chemotherapy in breast cancer patients: Factors of radiologic-pathologic discordance. <i>European Journal of Radiology</i> , 2019, 118, 114-121.	2.6	19
31	Sonographic features that can be used to differentiate between small triple-negative breast cancer and fibroadenoma. <i>Ultrasonography</i> , 2018, 37, 149-156.	2.3	19
32	Prediction of low-risk breast cancer using perfusion parameters and apparent diffusion coefficient. <i>Magnetic Resonance Imaging</i> , 2016, 34, 67-74.	1.8	18
33	Comparison of peritumoral stromal tissue stiffness obtained by shear wave elastography between benign and malignant breast lesions. <i>Acta Radiologica</i> , 2018, 59, 1168-1175.	1.1	18
34	Comparison of Pathologic Response Evaluation Systems After Neoadjuvant Chemotherapy in Breast Cancers: Correlation With Computer-Aided Diagnosis of MRI Features. <i>American Journal of Roentgenology</i> , 2019, 213, 944-952.	2.2	18
35	Comparison of Lesion Detection in the Transverse and Coronal Views on Automated Breast Sonography. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 125-135.	1.7	17
36	Association between Ultrasound Features and the 21-Gene Recurrence Score Assays in Patients with Oestrogen Receptor-Positive, HER2-Negative, Invasive Breast Cancer. <i>PLoS ONE</i> , 2016, 11, e0158461.	2.5	17

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37	The role of MRI and clinicopathologic features in predicting the invasive component of biopsy-confirmed ductal carcinoma in situ. <i>BMC Medical Imaging</i> , 2020, 20, 95.	2.7	17
38	Detection and characterization of breast lesions in a selective diagnostic population: diagnostic accuracy study for comparison between one-view digital breast tomosynthesis and two-view full-field digital mammography. <i>British Journal of Radiology</i> , 2016, 89, 20150743.	2.2	16
39	Analysis of prior mammography with negative result in women with interval breast cancer. <i>Breast Cancer</i> , 2016, 23, 583-589.	2.9	16
40	Impact of pathologic diagnosis of internal mammary lymph node metastasis in clinical N2b and N3b breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2017, 166, 511-518.	2.5	16
41	Evaluation of the Tumor Response After Neoadjuvant Chemotherapy in Breast Cancer Patients: Correlation Between Dynamic Contrast-enhanced Magnetic Resonance Imaging and Pathologic Tumor Cellularity. <i>Clinical Breast Cancer</i> , 2018, 18, e115-e121.	2.4	16
42	Diagnostic performance of apparent diffusion coefficient and quantitative kinetic parameters for predicting additional malignancy in patients with newly diagnosed breast cancer. <i>Magnetic Resonance Imaging</i> , 2014, 32, 867-874.	1.8	15
43	Diagnostic performance of breast ultrasonography and MRI in the prediction of lymph node status after neoadjuvant chemotherapy for breast cancer. <i>Acta Radiologica</i> , 2017, 58, 1198-1205.	1.1	15
44	Diagnostic Performance of Fused Diffusion-Weighted Imaging Using T1-Weighted Imaging for Axillary Nodal Staging in Patients With Early Breast Cancer. <i>Clinical Breast Cancer</i> , 2017, 17, 154-163.	2.4	14
45	A comparison between digital breast tomosynthesis and full-field digital mammography for the detection of breast cancers. <i>Breast Cancer</i> , 2016, 23, 886-892.	2.9	12
46	Comparison of invasive micropapillary and invasive ductal carcinoma of the breast: a matched cohort study. <i>Acta Radiologica</i> , 2019, 60, 1405-1413.	1.1	12
47	Comparison of variability in breast density assessment by BI-RADS category according to the level of experience. <i>Acta Radiologica</i> , 2018, 59, 527-532.	1.1	11
48	Comparison of mammography, ultrasound, and MRI in size assessment of ductal carcinoma in situ with histopathologic correlation. <i>Acta Radiologica</i> , 2017, 58, 1434-1441.	1.1	10
49	Prognostic factors predicting recurrence in invasive breast cancer: An analysis of radiological and clinicopathological factors. <i>Asian Journal of Surgery</i> , 2019, 42, 613-620.	0.4	10
50	Correlation between magnetic resonance imaging and the level of tumor-infiltrating lymphocytes in patients with estrogen receptor-negative HER2-positive breast cancer. <i>Acta Radiologica</i> , 2020, 61, 3-10.	1.1	10
51	Mammography, US, and MRI to Assess Outcomes of Invasive Breast Cancer with Extensive Intraductal Component: A Matched Cohort Study. <i>Radiology</i> , 2019, 292, 299-308.	7.3	9
52	Long-term survival outcomes in invasive lobular carcinoma patients with and without preoperative MR imaging: a matched cohort study. <i>European Radiology</i> , 2019, 29, 2526-2534.	4.5	9
53	Growing BI-RADS category 3 lesions on follow-up breast ultrasound: malignancy rates and worrisome features. <i>British Journal of Radiology</i> , 2018, 91, 20170787.	2.2	8
54	Imaging and Clinicopathologic Features Associated With Pathologic Complete Response in HER2-positive Breast Cancer Receiving Neoadjuvant Chemotherapy With Dual HER2 Blockade. <i>Clinical Breast Cancer</i> , 2020, 20, 25-32.	2.4	7

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55	Preoperative Breast MRI in Women 35 Years of Age and Younger with Breast Cancer: Benefits in Surgical Outcomes by Using Propensity Score Analysis. <i>Radiology</i> , 2021, 300, 39-45.	7.3	7
56	Mammographically occult breast cancers detected with AI-based diagnosis supporting software: clinical and histopathologic characteristics. <i>Insights Into Imaging</i> , 2022, 13, 57.	3.4	7
57	Diagnostic performance of standard breast MR imaging compared to dedicated axillary MR imaging in the evaluation of axillary lymph node. <i>BMC Medical Imaging</i> , 2020, 20, 45.	2.7	5
58	Male patients with unilateral breast symptoms: an optimal imaging approach. <i>European Radiology</i> , 2020, 30, 4242-4250.	4.5	5
59	Association between Oncotype DX recurrence score and dynamic contrast-enhanced MRI features in patients with estrogen receptor-positive HER2-negative invasive breast cancer. <i>Clinical Imaging</i> , 2021, 75, 131-137.	1.5	5
60	Mucocelelike Lesions in the Breast: Radiologic and Clinicopathologic Correlations With Upgrade Rate. <i>American Journal of Roentgenology</i> , 2018, 210, 1386-1394.	2.2	4
61	Magnetic Resonance Imaging of Breast Cancer Patients with BRCA Mutation. <i>Journal of the Korean Society of Magnetic Resonance in Medicine</i> , 2013, 17, 207.	0.1	3
62	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
63	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
64	Clinicopathological and Imaging Features Predictive of Clinical Outcome in Metaplastic Breast Cancer. <i>Current Medical Imaging</i> , 2020, 16, 729-738.	0.8	3
65	Retrospective Analysis on Malignant Calcification Previously Misdiagnosed as Benign on Screening Mammography. <i>Journal of the Korean Society of Radiology</i> , 2017, 76, 251.	0.2	2
66	Association of mammography and ultrasound features with MammaPrint in patients with estrogen receptor-positive, HER2-negative, node-positive invasive breast cancer. <i>Acta Radiologica</i> , 2021, 62, 1592-1600.	1.1	2
67	Prediction of Indolent Breast Cancer with Favorable Prognostic Factors by Metabolic Profiling Using In Vivo and Ex Vivo MR Metabolomics. <i>Applied Magnetic Resonance</i> , 2016, 47, 159-174.	1.2	1
68	Complex Hemangioma of the Breast: Case Report, with Imaging Findings. <i>Investigative Magnetic Resonance Imaging</i> , 2015, 19, 131.	0.4	1
69	Analysis of false-negative findings of breast cancer on previous magnetic resonance imaging. <i>Acta Radiologica</i> , 2021, 62, 722-734.	1.1	0
70	Comparison of the Imaging Features of Lobular Carcinoma In Situ and Invasive Lobular Carcinoma of the Breast. <i>Journal of the Korean Society of Radiology</i> , 2021, 82, 1231.	0.2	0
71	Predictive factors of no response during neoadjuvant chemotherapy in breast cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, e11508-e11508.	1.6	0
72	A Review on Gynecomastia and Male Breast Cancer for Radiologists. <i>Journal of the Korean Society of Radiology</i> , 2020, 81, 1096.	0.2	0