

# Nariya Cho

## List of Publications by Year in descending order

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117  
papers

4,441  
citations

117625  
34  
h-index

118850  
62  
g-index

119  
all docs

119  
docs citations

119  
times ranked

3706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast MRI: State of the Art. Radiology, 2019, 292, 520-536.	7.3	442
2	Clinical application of shear wave elastography (SWE) in the diagnosis of benign and malignant breast diseases. Breast Cancer Research and Treatment, 2011, 129, 89-97.	2.5	300
3	Breast Mass Evaluation: Factors Influencing the Quality of US Elastography. Radiology, 2011, 259, 59-64.	7.3	165
4	Stiffness of tumours measured by shear-wave elastography correlated with subtypes of breast cancer. European Radiology, 2013, 23, 2450-2458.	4.5	143
5	Sonoelastographic Strain Index for Differentiation of Benign and Malignant Nonpalpable Breast Masses. Journal of Ultrasound in Medicine, 2010, 29, 1-7.	1.7	136
6	Distinguishing Benign from Malignant Masses at Breast US: Combined US Elastography and Color Doppler US—Influence on Radiologist Accuracy. Radiology, 2012, 262, 80-90.	7.3	134
7	Correlation of perfusion parameters on dynamic contrast-enhanced MRI with prognostic factors and subtypes of breast cancers. Journal of Magnetic Resonance Imaging, 2012, 36, 145-151.	3.4	123
8	Nonpalpable Breast Masses: Evaluation by US Elastography. Korean Journal of Radiology, 2008, 9, 111.	3.4	118
9	Preoperative Sonographic Classification of Axillary Lymph Nodes in Patients With Breast Cancer: Node-to-Node Correlation With Surgical Histology and Sentinel Node Biopsy Results. American Journal of Roentgenology, 2009, 193, 1731-1737.	2.2	115
10	Correlation between High Resolution Dynamic MR Features and Prognostic Factors in Breast Cancer. Korean Journal of Radiology, 2008, 9, 10.	3.4	113
11	Breast Cancer Screening With Mammography Plus Ultrasonography or Magnetic Resonance Imaging in Women 50 Years or Younger at Diagnosis and Treated With Breast Conservation Therapy. JAMA Oncology, 2017, 3, 1495.	7.1	112
12	Differentiation of benign from malignant solid breast masses: comparison of two-dimensional and three-dimensional shear-wave elastography. European Radiology, 2013, 23, 1015-1026.	4.5	106
13	Added Value of Shear-Wave Elastography for Evaluation of Breast Masses Detected with Screening US Imaging. Radiology, 2014, 273, 61-69.	7.3	105
14	Molecular subtypes and imaging phenotypes of breast cancer. Ultrasonography, 2016, 35, 281-288.	2.3	88
15	Breast density change as a predictive surrogate for response to adjuvant endocrine therapy in hormone receptor positive breast cancer. Breast Cancer Research, 2012, 14, R102.	5.0	86
16	Sonoelastography for 1786 non-palpable breast masses: diagnostic value in the decision to biopsy. European Radiology, 2012, 22, 1033-1040.	4.5	81
17	Breast Cancer: Early Prediction of Response to Neoadjuvant Chemotherapy Using Parametric Response Maps for MR Imaging. Radiology, 2014, 272, 385-396.	7.3	81
18	Breast MR Imaging Screening in Women with a History of Breast Conservation Therapy. Radiology, 2014, 272, 366-373.	7.3	81

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19	Practice guideline for the performance of breast ultrasound elastography. <i>Ultrasonography</i> , 2014, 33, 3-10.	2.3	79
20	Papillary Lesions Initially Diagnosed at Ultrasound-guided Vacuum-assisted Breast Biopsy: Rate of Malignancy Based on Subsequent Surgical Excision. <i>Annals of Surgical Oncology</i> , 2011, 18, 2506-2514.	1.5	75
21	Sonographically Guided Core Biopsy of the Breast: Comparison of 14-Gauge Automated Gun and 11-Gauge Directional Vacuum-Assisted Biopsy Methods. <i>Korean Journal of Radiology</i> , 2005, 6, 102.	3.4	65
22	Predicting Axillary Response to Neoadjuvant Chemotherapy: Breast MRI and US in Patients with Node-Positive Breast Cancer. <i>Radiology</i> , 2019, 293, 49-57.	7.3	60
23	Accuracy of Post-Neoadjuvant Chemotherapy Image-Guided Breast Biopsy to Predict Residual Cancer. <i>JAMA Surgery</i> , 2020, 155, e204103.	4.3	58
24	Differentiating Benign from Malignant Solid Breast Masses: Comparison of Two-dimensional and Three-dimensional US. <i>Radiology</i> , 2006, 240, 26-32.	7.3	56
25	Unilateral Breast Cancer: Screening of Contralateral Breast by Using Preoperative MR Imaging Reduces Incidence of Metachronous Cancer. <i>Radiology</i> , 2013, 267, 57-66.	7.3	56
26	Two-View versus Single-View Shear-Wave Elastography: Comparison of Observer Performance in Differentiating Benign from Malignant Breast Masses. <i>Radiology</i> , 2014, 270, 344-353.	7.3	53
27	Evaluation of Screening US-detected Breast Masses by Combined Use of Elastography and Color Doppler US with B-Mode US in Women with Dense Breasts: A Multicenter Prospective Study. <i>Radiology</i> , 2017, 285, 660-669.	7.3	52
28	Dynamic Contrast-enhanced Breast MRI for Evaluating Residual Tumor Size after Neoadjuvant Chemotherapy. <i>Radiology</i> , 2018, 289, 327-334.	7.3	52
29	Real-time US elastography in the differentiation of suspicious microcalcifications on mammography. <i>European Radiology</i> , 2009, 19, 1621-1628.	4.5	45
30	Factors Affecting Pathologic Complete Response Following Neoadjuvant Chemotherapy in Breast Cancer: Development and Validation of a Predictive Nomogram. <i>Radiology</i> , 2021, 299, 290-300.	7.3	44
31	Integrated 18F-FDG PET/MRI in breast cancer: early prediction of response to neoadjuvant chemotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 328-339.	6.4	43
32	Early Stage Triple-Negative Breast Cancer: Imaging and Clinical-Pathologic Factors Associated with Recurrence. <i>Radiology</i> , 2016, 278, 356-364.	7.3	42
33	Characteristics of breast cancers detected by ultrasound screening in women with negative mammograms. <i>Cancer Science</i> , 2011, 102, 1862-1867.	3.9	39
34	Shear-Wave Elastographic Features of Breast Cancers. <i>Investigative Radiology</i> , 2014, 49, 147-155.	6.2	39
35	Breast Cancer Recurrence in Patients with Newly Diagnosed Breast Cancer without and with Preoperative MR Imaging: A Matched Cohort Study. <i>Radiology</i> , 2015, 276, 695-705.	7.3	36
36	Prediction of pathologic complete response using image-guided biopsy after neoadjuvant chemotherapy in breast cancer patients selected based on MRI findings: a prospective feasibility trial. <i>Breast Cancer Research and Treatment</i> , 2020, 182, 97-105.	2.5	36

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37	Characterization of Breast Lesions: Comparison of Digital Breast Tomosynthesis and Ultrasonography. Korean Journal of Radiology, 2015, 16, 229.	3.4	34
38	Ultrasound-guided vacuum-assisted biopsy of microcalcifications detected at screening mammography. Acta Radiologica, 2009, 50, 602-609.	1.1	33
39	Contrast-enhanced MRI after neoadjuvant chemotherapy of breast cancer: lesion-to-background parenchymal signal enhancement ratio for discriminating pathological complete response from minimal residual tumour. European Radiology, 2018, 28, 2986-2995.	4.5	31
40	Benign Breast Papilloma without Atypia: Outcomes of Surgical Excision versus US-guided Directional Vacuum-assisted Removal or US Follow-up. Radiology, 2019, 293, 72-80.	7.3	31
41	Time-to-enhancement at ultrafast breast DCE-MRI: potential imaging biomarker of tumour aggressiveness. European Radiology, 2020, 30, 4058-4068.	4.5	30
42	Diagnostic performance of tomosynthesis and breast ultrasonography in women with dense breasts: a prospective comparison study. Breast Cancer Research and Treatment, 2017, 162, 85-94.	2.5	29
43	Role of MRI to Assess Response to Neoadjuvant Therapy for Breast Cancer. Journal of Magnetic Resonance Imaging, 2020, 52, .	3.4	29
44	Comparison of strain and shear wave elastography for qualitative and quantitative assessment of breast masses in the same population. Scientific Reports, 2018, 8, 6197.	3.3	28
45	Aliasing artifact depicted on ultrasound (US)-elastography for breast cystic lesions mimicking solid masses. Acta Radiologica, 2011, 52, 3-7.	1.1	27
46	Intratumoral Heterogeneity of Breast Cancer Xenograft Models: Texture Analysis of Diffusion-Weighted MR Imaging. Korean Journal of Radiology, 2014, 15, 591.	3.4	27
47	The detection of recurrent breast cancer in patients with a history of breast cancer surgery: comparison of clinical breast examination, mammography and ultrasonography. Acta Radiologica, 2011, 52, 15-20.	1.1	25
48	Screening women with a personal history of breast cancer: overview of the evidence on breast imaging surveillance. Ultrasonography, 2018, 37, 277-287.	2.3	25
49	Sonoelastography in Distinguishing Benign from Malignant Complex Breast Mass and Making the Decision to Biopsy. Korean Journal of Radiology, 2013, 14, 559.	3.4	24
50	Undiagnosed Breast Cancer: Features at Supplemental Screening US. Radiology, 2015, 277, 372-380.	7.3	24
51	Sonoelastographic lesion stiffness: preoperative predictor of the presence of an invasive focus in nonpalpable DCIS diagnosed at US-guided needle biopsy. European Radiology, 2011, 21, 1618-1627.	4.5	22
52	Association of Tumour Stiffness on Sonoelastography with Axillary Nodal Status in T1 Breast Carcinoma Patients. European Radiology, 2013, 23, 2979-2987.	4.5	21
53	Ultrafast Dynamic Contrast-Enhanced Breast MRI: Lesion Conspicuity and Size Assessment according to Background Parenchymal Enhancement. Korean Journal of Radiology, 2020, 21, 561.	3.4	19
54	Sonographic characteristics of breast cancers detected by supplemental screening US: Comparison with breast cancers seen on screening mammography. Acta Radiologica, 2010, 51, 969-976.	1.1	18

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55	Addition of Digital Breast Tomosynthesis to Full-Field Digital Mammography in the Diagnostic Setting: Additional Value and Cancer Detectability. <i>Journal of Breast Cancer</i> , 2016, 19, 438.	1.9	18
56	US Evaluation of Axillary Lymphadenopathy Following COVID-19 Vaccination: A Prospective Longitudinal Study. <i>Radiology</i> , 2022, 305, 46-53.	7.3	18
57	Background echotexture classification in breast ultrasound: inter-observer agreement study. <i>Acta Radiologica</i> , 2017, 58, 1427-1433.	1.1	17
58	Supplemental Screening Breast US in Women with Negative Mammographic Findings: Effect of Routine Axillary Scanning. <i>Radiology</i> , 2018, 286, 830-837.	7.3	16
59	Neoadjuvant Chemotherapy and Surgery for Breast Cancer: Preoperative MRI Features Associated with Local Recurrence. <i>Radiology</i> , 2018, 289, 30-38.	7.3	16
60	Abbreviated Screening MRI for Women with a History of Breast Cancer: Comparison with Full-Protocol Breast MRI. <i>Radiology</i> , 2022, 305, 36-45.	7.3	16
61	Low Rates of Additional Cancer Detection by Magnetic Resonance Imaging in Newly Diagnosed Breast Cancer Patients Who Undergo Preoperative Mammography and Ultrasonography. <i>Journal of Breast Cancer</i> , 2014, 17, 167.	1.9	15
62	Imaging features of breast cancers on digital breast tomosynthesis according to molecular subtype: association with breast cancer detection. <i>British Journal of Radiology</i> , 2017, 90, 20170470.	2.2	15
63	Microcalcifications and Peritumoral Edema Predict Survival Outcome in Luminal Breast Cancer Treated with Neoadjuvant Chemotherapy. <i>Radiology</i> , 2022, 304, 310-319.	7.3	15
64	Cowden Syndrome Presenting as Breast Cancer: Imaging and Clinical Features. <i>Korean Journal of Radiology</i> , 2014, 15, 586.	3.4	14
65	Ultrasound screening of contralateral breast after surgery for breast cancer. <i>European Journal of Radiology</i> , 2015, 84, 54-60.	2.6	14
66	Early prediction of response to neoadjuvant chemotherapy in breast cancer patients: comparison of single-voxel 1H-magnetic resonance spectroscopy and 18F-fluorodeoxyglucose positron emission tomography. <i>European Radiology</i> , 2016, 26, 2279-2290.	4.5	14
67	MR and mammographic imaging features of HER2-positive breast cancers according to hormone receptor status: a retrospective comparative study. <i>Acta Radiologica</i> , 2017, 58, 792-799.	1.1	14
68	Automated Breast Ultrasound System for Breast Cancer Evaluation: Diagnostic Performance of the Two-View Scan Technique in Women with Small Breasts. <i>Korean Journal of Radiology</i> , 2020, 21, 25.	3.4	14
69	Classification of Breast Tumors Using Elastographic and B-mode Features: Comparison of Automatic Selection of Representative Slice and Physician-Selected Slice of Images. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 1147-1157.	1.5	13
70	Supplemental Breast US Screening in Women with a Personal History of Breast Cancer: A Matched Cohort Study. <i>Radiology</i> , 2020, 295, 54-63.	7.3	13
71	Diffusion-weighted MRI at 3.0 T for detection of occult disease in the contralateral breast in women with newly diagnosed breast cancer. <i>Breast Cancer Research and Treatment</i> , 2020, 182, 283-297.	2.5	12
72	Interval Cancers after Negative Supplemental Screening Breast MRI Results in Women with a Personal History of Breast Cancer. <i>Radiology</i> , 2021, 300, 314-323.	7.3	12

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73	Digital Mammographyâ€“Guided Skin Marking for Sonographically Guided Biopsy of Suspicious Microcalcifications. American Journal of Roentgenology, 2009, 192, W132-W136.	2.2	11
74	Features of Undiagnosed Breast Cancers at Screening Breast MR Imaging and Potential Utility of Computer-Aided Evaluation. Korean Journal of Radiology, 2016, 17, 59.	3.4	11
75	Diagnostic performances of supplemental breast ultrasound screening in women with personal history of breast cancer. Acta Radiologica, 2018, 59, 533-539.	1.1	11
76	Comparison of Abbreviated MRI and Full Diagnostic MRI in Distinguishing between Benign and Malignant Lesions Detected by Breast MRI: A Multireader Study. Korean Journal of Radiology, 2021, 22, 297.	3.4	11
77	Association between partial-volume corrected SUVmax and Oncotype DX recurrence score in early-stage, ER-positive/HER2-negative invasive breast cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1574-1584.	6.4	10
78	Imaging features of breast cancer molecular subtypes: state of the art. Journal of Pathology and Translational Medicine, 2021, 55, 16-25.	1.1	10
79	Glandular Tissue Component and Breast Cancer Risk in Mammographically Dense Breasts at Screening Breast US. Radiology, 2021, 301, 57-65.	7.3	10
80	Usefulness of ultrasound elastography in reducing the number of Breast Imaging Reporting and Data System category 3 lesions on ultrasonography. Ultrasonography, 2014, 33, 98-104.	2.3	10
81	Contralateral lesions detected by preoperative MRI in patients with recently diagnosed breast cancer: Application of MR CAD in differentiation of benign and malignant lesions. European Journal of Radiology, 2012, 81, 1520-1526.	2.6	9
82	Computer-aided evaluation as an adjunct to revised BI-RADS Atlas: improvement in positive predictive value at screening breast MRI. European Radiology, 2014, 24, 1800-1807.	4.5	9
83	Smaller Reduction in 3D Breast Density Associated With Subsequent Cancer Recurrence in Patients With Breast Cancer Receiving Adjuvant Tamoxifen Therapy. American Journal of Roentgenology, 2014, 202, 912-921.	2.2	9
84	Mammographic density changes following discontinuation of tamoxifen in premenopausal women with oestrogen receptor-positive breast cancer. European Radiology, 2018, 28, 3176-3184.	4.5	9
85	Association of preoperative breast MRI features with locoregional recurrence after breast conservation therapy. Acta Radiologica, 2018, 59, 409-417.	1.1	9
86	Location of Triple-Negative Breast Cancers: Comparison with Estrogen Receptor-Positive Breast Cancers on MR Imaging. PLoS ONE, 2015, 10, e0116344.	2.5	9
87	Noncontrastâ€“Enhanced MR â€“Based Conductivity Imaging for Breast Cancer Detection and Lesion Differentiation. Journal of Magnetic Resonance Imaging, 2021, 54, 631-645.	3.4	8
88	Features of Pure Lobular Carcinoma In Situ on Magnetic Resonance Imaging Associated with Immediate Re-Excision after Lumpectomy. Journal of Breast Cancer, 2016, 19, 199.	1.9	7
89	Management for BI-RADS category 3 lesions detected in preoperative breast MR imaging of breast cancer patients. European Radiology, 2017, 27, 3211-3216.	4.5	7
90	Detection of noncalcified breast cancer in patients with extremely dense breasts using digital breast tomosynthesis compared with full-field digital mammography. British Journal of Radiology, 2019, 92, 20180101.	2.2	7

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91	Breast Cancer Radiogenomics: Association of Enhancement Pattern at DCE MRI with Deregulation of mTOR Pathway. <i>Radiology</i> , 2020, 296, 288-289.	7.3	7
92	Sclerosing lobular hyperplasia: sonographic pathologic correlation. <i>European Radiology</i> , 2003, 13, 1645-1650.	4.5	6
93	Features of Prospectively Overlooked Computer-Aided Detection Marks on Prior Screening Digital Mammograms in Women With Breast Cancer. <i>American Journal of Roentgenology</i> , 2010, 195, 1276-1282.	2.2	6
94	Post-clip placement MRI following second-look US-guided core biopsy for suspicious lesions identified on breast MRI. <i>European Radiology</i> , 2017, 27, 5196-5203.	4.5	6
95	Detection of Contralateral Breast Cancer Using Diffusion-Weighted Magnetic Resonance Imaging in Women with Newly Diagnosed Breast Cancer: Comparison with Combined Mammography and Whole-Breast Ultrasound. <i>Korean Journal of Radiology</i> , 2021, 22, 867.	3.4	6
96	Ipsilateral Lymphadenopathy After COVID-19 Vaccination in Patients With Newly Diagnosed Breast Cancer. <i>Journal of Breast Cancer</i> , 2022, 25, 131.	1.9	6
97	Added value of ultrafast sequence in abbreviated breast MRI surveillance in women with a personal history of breast cancer: A multireader study. <i>European Journal of Radiology</i> , 2022, 151, 110322.	2.6	6
98	Ultrasonography-guided vacuum-assisted biopsy of microcalcifications: Comparison of the diagnostic yield of calcified cores and non-calcified cores on specimen radiographs. <i>Acta Radiologica</i> , 2010, 51, 123-127.	1.1	5
99	A New Full-Field Digital Mammography System with and without the Use of an Advanced Post-Processing Algorithm: Comparison of Image Quality and Diagnostic Performance. <i>Korean Journal of Radiology</i> , 2014, 15, 305.	3.4	5
100	Detection of axillary lymph node recurrence in patients with personal history of breast cancer treated with sentinel lymph node biopsy (SLNB): results of postoperative combined ultrasound and mammography screening over five consecutive years. <i>Acta Radiologica</i> , 2019, 60, 852-858.	1.1	3
101	Reproducibility of Computer-Aided Detection System in Digital Mammograms. <i>Journal of the Korean Radiological Society</i> , 2005, 52, 137.	0.0	3
102	Abstract PD15-08: Window of opportunity trial of neoadjuvant olaparib and durvalumab for triple negative or low ER-positive breast cancer. <i>Cancer Research</i> , 2022, 82, PD15-08-PD15-08.	0.9	3
103	Breast Magnetic Resonance Imaging-Guided Biopsy. <i>Journal of the Korean Society of Radiology</i> , 2016, 74, 351.	0.2	2
104	A Survey on Current Trends of Breast Imaging Practices in Korea. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 919.	0.2	2
105	Utility and Diagnostic Performance of Automated Breast Ultrasound System in Evaluating Pure Non-Mass Enhancement on Breast Magnetic Resonance Imaging. <i>Korean Journal of Radiology</i> , 2020, 21, 1210.	3.4	2
106	Interpretation of digital breast tomosynthesis: preliminary study on comparison with picture archiving and communication system (PACS) and dedicated workstation. <i>British Journal of Radiology</i> , 2017, 90, 20170182.	2.2	1
107	Imaging Surveillance for Survivors of Breast Cancer: Correlation between Cancer Characteristics and Method of Detection. <i>Journal of Breast Cancer</i> , 2017, 20, 192.	1.9	1
108	Two-View versus Single-View Shear-Wave Elastography: Comparison of Observer Performance in Differentiating Benign from Malignant Breast Masses. <i>Radiology</i> , 2013, , 130561.	7.3	1



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109	Color Doppler Imaging of Subclavian Steal Phenomenon. Journal of the Korean Radiological Society, 1997, 36, 411.	0.0	0
110	Breast Cancer Screening with MRI. Journal of the Korean Society of Magnetic Resonance in Medicine, 2012, 16, 1.	0.1	0
111	Breast density change as a predictive surrogate for response to adjuvant endocrine therapy in estrogen receptor-positive breast cancer.. Journal of Clinical Oncology, 2012, 30, e21160-e21160.	1.6	0
112	MRCP Using Breath-hold HASTE Sequence: Comparison of Maximum Intensity Projection Image with Single Slice Acquisition Image. Journal of the Korean Radiological Society, 1997, 37, 95.	0.0	0
113	Pathologic Correlation To Internal Echogenicity of Atypical Breast Fibroadenoma. Journal of the Korean Radiological Society, 1998, 39, 185.	0.0	0
114	Ectopic Thyroid Glands: Clinical and Radiological Features. Journal of the Korean Radiological Society, 1998, 38, 431.	0.0	0
115	Shear-wave elastography in detection of residual breast cancer after neoadjuvant chemotherapy.. Journal of Clinical Oncology, 2014, 32, 102-102.	1.6	0
116	Breast Density Analysis in 3-D Whole Breast Ultrasound Images. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
117	Three Comparative Approaches for Breast Density Estimation in Digital and Screen Film Mammograms. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0