Jung Hyun Yoon

List of Publications by Year
in descending order

218 papers	5,749 citations	101543 36 h-index	110387 64 g-index
223 all docs	223 docs citations	223 times ranked	4921 citing authors

#	Article	IF	Citations
1	Thyroid Imaging Reporting and Data System for US Features of Nodules: A Step in Establishing Better Stratification of Cancer Risk. Radiology, 2011, 260, 892-899.	7.3	874
2	Diagnostic Performance of Gray-Scale US and Elastography in Solid Thyroid Nodules. Radiology, 2012, 262, 1002-1013.	7.3	228
3	Malignancy Risk Stratification of Thyroid Nodules: Comparison between the Thyroid Imaging Reporting and Data System and the 2014 American Thyroid Association Management Guidelines. Radiology, 2016, 278, 917-924.	7.3	190
4	Interobserver Variability of Ultrasound Elastography: How It Affects the Diagnosis of Breast Lesions. American Journal of Roentgenology, 2011, 196, 730-736.	2.2	150
5	Minimal Extrathyroidal Extension in Patients with Papillary Thyroid Microcarcinoma: Is It a Real Prognostic Factor?. Annals of Surgical Oncology, 2011, 18, 1916-1923.	1.5	122
6	2021 Korean Thyroid Imaging Reporting and Data System and Imaging-Based Management of Thyroid Nodules: Korean Society of Thyroid Radiology Consensus Statement and Recommendations. Korean Journal of Radiology, 2021, 22, 2094.	3.4	111
7	Diagnostic performances of shear wave elastography: which parameter to use in differential diagnosis of solid breast masses?. European Radiology, 2013, 23, 1803-1811.	4.5	99
8	Preoperative Prediction of Central Lymph Node Metastasis in Thyroid Papillary Microcarcinoma Using Clinicopathologic and Sonographic Features. World Journal of Surgery, 2013, 37, 385-391.	1.6	95
9	The Diagnostic Accuracy of Ultrasound-Guided Fine-Needle Aspiration Biopsy and the Sonographic Differences Between Benign and Malignant Thyroid Nodules 3â€‰cm or Larger. Thyroid, 2011, 21, 993-1000.	4.5	94
10	Shear-wave elastography in the diagnosis of solid breast masses: what leads to false-negative or false-positive results?. European Radiology, 2013, 23, 2432-2440.	4.5	94
11	Ethanol Ablation of the Thyroid Nodules: 2018 Consensus Statement by the Korean Society of Thyroid Radiology. Korean Journal of Radiology, 2019, 20, 609.	3.4	93
12	How to Approach Thyroid Nodules with Indeterminate Cytology. Annals of Surgical Oncology, 2010, 17, 2147-2155.	1.5	77
13	Factors affecting inadequate sampling of ultrasound-guided fine-needle aspiration biopsy of thyroid nodules. Clinical Endocrinology, 2011, 74, 776-782.	2.4	76
14	Deep convolutional neural network for the diagnosis of thyroid nodules on ultrasound. Head and Neck, 2019, 41, 885-891.	2.0	75
15	Clinical application of S-Detect to breast masses on ultrasonography: a study evaluating the diagnostic performance and agreement with a dedicated breast radiologist. Ultrasonography, 2017, 36, 3-9.	2.3	74
16	The Diagnostic Values of Ultrasound and Ultrasound-Guided Fine Needle Aspiration in Subcentimeter-Sized Thyroid Nodules. Annals of Surgical Oncology, 2012, 19, 52-59.	1.5	62
17	Diagnosis and Management of Small Thyroid Nodules: A Comparative Study with Six Guidelines for Thyroid Nodules. Radiology, 2017, 283, 560-569.	7.3	62
18	Sonographic Features of the Follicular Variant of Papillary Thyroid Carcinoma. Journal of Ultrasound in Medicine, 2008, 27, 1431-1437.	1.7	61

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19	Inadequate Cytology in Thyroid Nodules: Should We Repeat Aspiration or Follow-Up?. Annals of Surgical Oncology, 2011, 18, 1282-1289.	1.5	60
20	Malignancy Risk Stratification in Thyroid Nodules with Nondiagnostic Results at Cytologic Examination: Combination of Thyroid Imaging Reporting and Data System and the Bethesda System. Radiology, 2015, 274, 287-295.	7.3	59
21	Feasibility of Charcoal Tattooing of Cytology-Proven Metastatic Axillary Lymph Node at Diagnosis and Sentinel Lymph Node Biopsy after Neoadjuvant Chemotherapy in Breast Cancer Patients. Cancer Research and Treatment, 2018, 50, 801-812.	3.0	58
22	Diagnosis of Thyroid Nodules: Performance of a Deep Learning Convolutional Neural Network Model vs. Radiologists. Scientific Reports, 2019, 9, 17843.	3.3	57
23	Preoperative axillary lymph node evaluation in breast cancer patients by breast magnetic resonance imaging (MRI): Can breast MRI exclude advanced nodal disease?. European Radiology, 2016, 26, 3865-3873.	4.5	55
24	Subcategorization of atypia of undetermined significance/follicular lesion of undetermined significance (<scp>AUS</scp>/<scp>FLUS</scp>): a study applying Thyroid Imaging Reporting and Data System (<scp>TIRADS</scp>). Clinical Endocrinology, 2016, 85, 275-282.	2.4	51
25	Effectiveness and Limitations of Core Needle Biopsy in the Diagnosis of Thyroid Nodules: Review of Current Literature. Journal of Pathology and Translational Medicine, 2015, 49, 230-235.	1.1	51
26	Application of Computerâ€Aided Diagnosis on Breast Ultrasonography: Evaluation of Diagnostic Performances and Agreement of Radiologists According to Different Levels of Experience. Journal of Ultrasound in Medicine, 2018, 37, 209-216.	1.7	50
27	Subcategorization of Ultrasonographic BI-RADS Category 4: Positive Predictive Value and Clinical Factors Affecting It. Ultrasound in Medicine and Biology, 2011, 37, 693-699.	1.5	47
28	Association of Preoperative US Features and Recurrence in Patients with Classic Papillary Thyroid Carcinoma. Radiology, 2015, 277, 574-583.	7.3	47
29	Evaluation of Malignancy Risk Stratification of Microcalcifications Detected on Mammography: A Study Based on the 5th Edition of BI-RADS. Annals of Surgical Oncology, 2015, 22, 2895-2901.	1.5	47
30	Correlation between conductivity and prognostic factors in invasive breast cancer using magnetic resonance electric properties tomography (MREPT). European Radiology, 2016, 26, 2317-2326.	4.5	47
31	Contribution of Computed Tomography to Ultrasound in Predicting Lateral Lymph Node Metastasis in Patients with Papillary Thyroid Carcinoma. Annals of Surgical Oncology, 2011, 18, 1734-1741.	1.5	46
32	Clinical Implication of Elastography as a Prognostic Factor of Papillary Thyroid Microcarcinoma. Annals of Surgical Oncology, 2012, 19, 2279-2287.	1.5	46
33	Vacuum-assisted breast biopsy under sonographic guidance: analysis of 10 years of experience. Ultrasonography, 2014, 33, 259-266.	2.3	44
34	Qualitative pattern classification of shear wave elastography for breast masses: How it correlates to quantitative measurements. European Journal of Radiology, 2013, 82, 2199-2204.	2.6	43
35	Diagnostic Role of Conventional Ultrasonography and Shearwave Elastography in Asymptomatic Patients with Diffuse Thyroid Disease: Initial Experience with 57 Patients. Yonsei Medical Journal, 2014, 55, 247.	2.2	42
36	Primary Imaging Test and Appropriate Biopsy Methods for Thyroid Nodules: Guidelines by Korean Society of Radiology and National Evidence-Based Healthcare Collaborating Agency. Korean Journal of Radiology, 2018, 19, 623.	3.4	40

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37	2020 Imaging Guidelines for Thyroid Nodules and Differentiated Thyroid Cancer: Korean Society of Thyroid Radiology. Korean Journal of Radiology, 2021, 22, 840.	3.4	38
38	Malignancy risk and characteristics of thyroid nodules with two consecutive results of atypia of undetermined significance or follicular lesion of undetermined significance on cytology. European Radiology, 2015, 25, 2601-2607.	4.5	37
39	Radiomics signature for prediction of lateral lymph node metastasis in conventional papillary thyroid carcinoma. PLoS ONE, 2020, 15, e0227315.	2.5	37
40	Deep Learning-Based Artificial Intelligence for Mammography. Korean Journal of Radiology, 2021, 22, 1225.	3.4	37
41	Optimal indication of thyroglobulin measurement in fine-needle aspiration for detecting lateral metastatic lymph nodes in patients with papillary thyroid carcinoma. Head and Neck, 2014, 36, 795-801.	2.0	35
42	A nomogram for predicting malignancy in thyroid nodules diagnosed as atypia of undetermined significance/follicular lesions of undetermined significance on fine needle aspiration. Surgery, 2014, 155, 1006-1013.	1.9	32
43	Breast Microcalcifications: Diagnostic Outcomes According to Image-Guided Biopsy Method. Korean Journal of Radiology, 2015, 16, 996.	3.4	31
44	Thyroid Nodules: Nondiagnostic Cytologic Results according to Thyroid Imaging Reporting and Data System before and after Application of the Bethesda System. Radiology, 2015, 276, 579-587.	7.3	31
45	Application of Texture Analysis in the Differential Diagnosis of Benign and Malignant Thyroid Nodules: Comparison With Gray-Scale Ultrasound and Elastography. American Journal of Roentgenology, 2015, 205, W343-W351.	2.2	31
46	Better Understanding in the Differentiation of Thyroid Follicular Adenoma, Follicular Carcinoma, and Follicular Variant of Papillary Carcinoma: A Retrospective Study. International Journal of Endocrinology, 2014, 2014, 1-9.	1.5	30
47	Imaging Surveillance of Patients with Breast Cancer after Primary Treatment: Current Recommendations. Korean Journal of Radiology, 2015, 16, 219.	3.4	30
48	Quantitative Evaluation for Differentiating Malignant and Benign Thyroid Nodules Using Histogram Analysis of Grayscale Sonograms. Journal of Ultrasound in Medicine, 2016, 35, 775-782.	1.7	30
49	Risk Stratification of Thyroid Nodules With Atypia of Undetermined Significance/Follicular Lesion of Undetermined Significance (AUS/FLUS) Cytology Using Ultrasonography Patterns Defined by the 2015 ATA Guidelines. Annals of Otology, Rhinology and Laryngology, 2017, 126, 625-633.	1.1	30
50	Association Between Radiomics Signature and Disease-Free Survival in Conventional Papillary Thyroid Carcinoma. Scientific Reports, 2019, 9, 4501.	3.3	30
51	Diagnosis of thyroid nodules on ultrasonography by a deep convolutional neural network. Scientific Reports, 2020, 10, 15245.	3.3	30
52	The follicular variant of papillary thyroid carcinoma: characteristics of preoperative ultrasonography and cytology. Ultrasonography, 2016, 35, 47-54.	2.3	30
53	Intra-observer Reproducibility and Diagnostic Performance of Breast Shear-Wave Elastography in Asian Women. Ultrasound in Medicine and Biology, 2014, 40, 1058-1064.	1.5	26
54	Fine-needle aspiration versus core needle biopsy for diagnosis of thyroid malignancy and neoplasm: a matched cohort study. European Radiology, 2017, 27, 801-811.	4.5	26

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55	Combining radiomics with ultrasound-based risk stratification systems for thyroid nodules: an approach for improving performance. European Radiology, 2021, 31, 2405-2413.	4.5	26
56	Artificial intelligence to predict the BRAFV600E mutation in patients with thyroid cancer. PLoS ONE, 2020, 15, e0242806.	2.5	26
57	Asymptomatic Benign Papilloma Without Atypia Diagnosed at Ultrasonography-Guided 14-Gauge Core Needle Biopsy: Which Subgroup can be Managed by Observation?. Annals of Surgical Oncology, 2016, 23, 1860-1866.	1.5	25
58	Diagnostic performances and interobserver agreement according to observer experience: a comparison study using three guidelines for management of thyroid nodules. Acta Radiologica, 2018, 59, 917-923.	1.1	24
59	Deep learning-based computer-aided diagnosis in screening breast ultrasound to reduce false-positive diagnoses. Scientific Reports, 2021, 11, 395.	3.3	24
60	Metastatic renal cell carcinoma in the thyroid gland: ultrasonographic features and the diagnostic role of core needle biopsy. Ultrasonography, 2017, 36, 252-259.	2.3	24
61	Thyroid incidentalomas detected onÂ18F-fluorodeoxyglucose-positron emission tomography/computed tomography: Thyroid Imaging Reporting and Data System (TIRADS) in the diagnosis and management ofÂpatients. Surgery, 2015, 158, 1314-1322.	1.9	23
62	Pattern-based vs. score-based guidelines using ultrasound features have different strengths in risk stratification of thyroid nodules. European Radiology, 2020, 30, 3793-3802.	4.5	23
63	Radiomics in predicting mutation status for thyroid cancer: A preliminary study using radiomics features for predicting BRAFV600E mutations in papillary thyroid carcinoma. PLoS ONE, 2020, 15, e0228968.	2.5	23
64	Proper Indication of BRAFV600E Mutation Testing in Fine-Needle Aspirates of Thyroid Nodules. PLoS ONE, 2013, 8, e64505.	2.5	23
65	Malignant Lesions Initially Categorized as Probably Benign Breast Lesions: Retrospective Review of Ultrasonographic, Clinical and Pathologic Characteristics. Ultrasound in Medicine and Biology, 2010, 36, 551-559.	1.5	22
66	Diagnostic Value of BRAFV600E Mutation Analysis of Thyroid Nodules According to Ultrasonographic Features and the Time of Aspiration. Annals of Surgical Oncology, 2011, 18, 792-799.	1.5	22
67	Real-Time Elastography in the Evaluation of Diffuse Thyroid Disease: A Study Based on Elastography Histogram Parameters. Ultrasound in Medicine and Biology, 2014, 40, 2012-2019.	1.5	22
68	Correlation between electrical conductivity and apparent diffusion coefficient in breast cancer: effect of necrosis on magnetic resonance imaging. European Radiology, 2018, 28, 3204-3214.	4.5	22
69	Ultrasonographic evaluation of women with pathologic nipple discharge. Ultrasonography, 2017, 36, 310-320.	2.3	22
70	Can increased tumoral vascularity be a quantitative predicting factor of lymph node metastasis in papillary thyroid microcarcinoma?. Endocrine, 2014, 47, 273-282.	2.3	21
71	Evaluating imaging-pathology concordance and discordance after ultrasound-guided breast biopsy. Ultrasonography, 2018, 37, 107-120.	2.3	21
72	Ultrasonography-guided 14-gauge core biopsy of the breast: results of 7 years of experience. Ultrasonography, 2018, 37, 55-62.	2.3	21

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73	Three-dimensional radiomics of triple-negative breast cancer: Prediction of systemic recurrence. Scientific Reports, 2020, 10, 2976.	3.3	21
74	Metabolomics of Breast Cancer Using High-Resolution Magic Angle Spinning Magnetic Resonance Spectroscopy: Correlations with 18F-FDG Positron Emission Tomography-Computed Tomography, Dynamic Contrast-Enhanced and Diffusion-Weighted Imaging MRI. PLoS ONE, 2016, 11, e0159949.	2.5	21
75	What to do with thyroid nodules showing benign cytology and BRAFV600E mutation? A study based on clinical and radiologic features using a highly sensitive analytic method. Surgery, 2015, 157, 354-361.	1.9	20
76	Hyalinizing trabecular tumor of the thyroid: diagnosis of a rare tumor using ultrasonography, cytology, and intraoperative frozen sections. Ultrasonography, 2016, 35, 131-139.	2.3	19
77	Combined use of conventional smear and liquid-based preparation versus conventional smear for thyroid fine-needle aspiration. Endocrine, 2016, 53, 157-165.	2.3	19
78	Large (â‰¥3cm) thyroid nodules with benign cytology: Can Thyroid Imaging Reporting and Data System (TIRADS) help predict false-negative cytology?. PLoS ONE, 2017, 12, e0186242.	2.5	19
79	Ultrasound texture analysis: Association with lymph node metastasis of papillary thyroid microcarcinoma. PLoS ONE, 2017, 12, e0176103.	2.5	19
80	Diagnostic performances and unnecessary US-FNA rates of various TIRADS after application of equal size thresholds. Scientific Reports, 2020, 10, 10632.	3.3	19
81	MRI Radiomic Features: Association with Disease-Free Survival in Patients with Triple-Negative Breast Cancer. Scientific Reports, 2020, 10, 3750.	3.3	19
82	Sonographic features and ultrasonography-guided fine-needle aspiration of metastases to the thyroid gland. Ultrasonography, 2014, 33, 40-48.	2.3	19
83	Diabetic mastopathy: imaging features and the role of image-guided biopsy in its diagnosis. Ultrasonography, 2016, 35, 140-147.	2.3	19
84	Comparison of Inter-Observer Variability and Diagnostic Performance of the Fifth Edition of BI-RADS for Breast Ultrasound of Static versus Video Images. Ultrasound in Medicine and Biology, 2016, 42, 2083-2088.	1.5	18
85	Association among T2 signal intensity, necrosis, ADC and Ki-67 in estrogen receptor-positive and HER2-negative invasive ductal carcinoma. Magnetic Resonance Imaging, 2018, 54, 176-182.	1.8	18
86	Application of Various Additional Imaging Techniques for Thyroid Ultrasound: Direct Comparison of Combined Various Elastography and Doppler Parameters to Gray-Scale Ultrasound in Differential Diagnosis of Thyroid Nodules. Ultrasound in Medicine and Biology, 2018, 44, 1679-1686.	1.5	18
87	Application of metabolomics in prediction of lymph node metastasis in papillary thyroid carcinoma. PLoS ONE, 2018, 13, e0193883.	2.5	18
88	Positive Predictive Value and Interobserver Variability of Preoperative Staging Sonography for Thyroid Carcinoma. American Journal of Roentgenology, 2011, 197, W324-W330.	2.2	17
89	Usefulness of SPECT/CT in Parathyroid Lesion Detection in Patients with Thyroid Parenchymal 99mTc-Sestamibi Retention. Nuclear Medicine and Molecular Imaging, 2017, 51, 32-39.	1.0	17
90	Diffusional kurtosis imaging for differentiation of additional suspicious lesions on preoperative breast MRI of patients with known breast cancer. Magnetic Resonance Imaging, 2019, 62, 199-208.	1.8	17

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91	How to Find an Isoechoic Lesion with Breast US. Radiographics, 2011, 31, 663-676.	3.3	16
92	Is Uterine Artery Embolization for Patients with Large Myomas Safe and Effective? A Retrospective Comparative Study in 323 Patients. Journal of Vascular and Interventional Radiology, 2013, 24, 772-778.	0.5	16
93	Heterogeneous echogenicity of the underlying thyroid parenchyma: how does this affect the analysis of a thyroid nodule?. BMC Cancer, 2013, 13, 550.	2.6	16
94	Reliability of Breast Ultrasound BI-RADS Final Assessment in Mammographically Negative Patients with Nipple Discharge and Radiologic Predictors of Malignancy. Journal of Breast Cancer, 2016, 19, 308.	1.9	16
95	The thyroid imaging reporting and data system on US, but not the BRAFV600E mutation in fine-needle aspirates, is associated with lateral lymph node metastasis in PTC. Medicine (United States), 2016, 95, e4292.	1.0	16
96	Histogram and gray level co-occurrence matrix on gray-scale ultrasound images for diagnosing lymphocytic thyroiditis. Computers in Biology and Medicine, 2016, 75, 257-266.	7.0	16
97	Thyroid Imaging Reporting and Data System and Ultrasound Elastography: Diagnostic Accuracy as a Tool in Recommending Repeat Fine-Needle Aspiration for Solid Thyroid Nodules withÂNon-Diagnostic Fine-Needle Aspiration Cytology. Ultrasound in Medicine and Biology, 2016, 42, 399-406.	1.5	16
98	Role of dynamic contrastâ€enhanced MRI in evaluating the association between contralateral parenchymal enhancement and survival outcome in ERâ€positive, HER2â€negative, nodeâ€negative invasive breast cancer. Journal of Magnetic Resonance Imaging, 2018, 48, 1678-1689.	3.4	16
99	Breast magnetic resonance imaging for surveillance of women with a personal history of breast cancer: outcomes stratified by interval between definitive surgery and surveillance MR imaging. BMC Cancer, 2018, 18, 91.	2.6	16
100	Magnetic Resonance Imaging after Completion of Neoadjuvant Chemotherapy Can Accurately Discriminate between No Residual Carcinoma and Residual Ductal Carcinoma In Situ in Patients with Triple-Negative Breast Cancer. PLoS ONE, 2016, 11, e0149347.	2.5	16
101	BRAFV600E mutation testing in fine needle aspirates of thyroid nodules: potential value of real-time PCR. Annals of Clinical and Laboratory Science, 2012, 42, 258-65.	0.2	16
102	Interval growth of probably benign breast lesions on follow-up ultrasound: how can these be managed?. European Radiology, 2011, 21, 908-918.	4.5	15
103	Percutaneous Ultrasound-Guided Vacuum-Assisted Removal versus Surgery for Breast Lesions Showing Imaging-Histology Discordance after Ultrasound-Guided Core-Needle Biopsy. Korean Journal of Radiology, 2014, 15, 697.	3.4	15
104	Breast parenchymal signal enhancement ratio at preoperative magnetic resonance imaging: association with early recurrence in triple-negative breast cancer patients. Acta Radiologica, 2016, 57, 802-808.	1.1	15
105	Short-term Follow-up US Leads to Higher False-positive Results Without Detection of Structural Recurrences in PTMC. Medicine (United States), 2016, 95, e2435.	1.0	14
106	Evaluation of Underlying Lymphocytic Thyroiditis With Histogram Analysis Using Grayscale Ultrasound Images. Journal of Ultrasound in Medicine, 2016, 35, 519-526.	1.7	14
107	Qualitative and Semiquantitative Elastography for the Diagnosis of Intermediate Suspicious Thyroid Nodules Based on the 2015 American Thyroid Association Guidelines. Journal of Ultrasound in Medicine, 2018, 37, 1007-1014.	1.7	14
108	Comparison of Clinical and Pathologic Characteristics of Ductal Carcinoma in Situ Detected on Mammography versus Ultrasound Only in Asymptomatic Patients. Ultrasound in Medicine and Biology, 2019, 45, 68-77.	1.5	14

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109	BI-RADS category 3, 4, and 5 lesions identified at preoperative breast MRI in patients with breast cancer: implications for management. European Radiology, 2020, 30, 2773-2781.	4.5	14
110	Fine-Needle Aspirates CYFRA 21-1 is a Useful Tumor Marker for Detecting Axillary Lymph Node Metastasis in Breast Cancer Patients. PLoS ONE, 2013, 8, e57248.	2.5	13
111	RAS Mutations in AUS/FLUS Cytology. Medicine (United States), 2015, 94, e1084.	1.0	13
112	Is Pre-Operative Axillary Staging with Ultrasound and Ultrasound-Guided Fine-Needle Aspiration Reliable in Invasive Lobular Carcinoma of the Breast?. Ultrasound in Medicine and Biology, 2016, 42, 1263-1272.	1.5	13
113	Application of the downgrade criteria to supplemental screening ultrasound for women with negative mammography but dense breasts. Medicine (United States), 2016, 95, e5279.	1.0	13
114	Ultrasound-guided fine needle aspiration versus core needle biopsy: comparison of post-biopsy hematoma rates and risk factors. Endocrine, 2017, 57, 108-114.	2.3	13
115	Perfusion Parameters on Breast Dynamic Contrast-Enhanced MRI Are Associated With Disease-Specific Survival in Patients With Triple-Negative Breast Cancer. American Journal of Roentgenology, 2017, 208, 687-694.	2.2	12
116	Added Value of MRI for Invasive Breast Cancer including the Entire Axilla for Evaluation of High-Level or Advanced Axillary Lymph Node Metastasis in the Postâ€“ACOSOG Z0011 Trial Era. Radiology, 2021, 300, 46-54.	7.3	12
117	Validation of the fifth edition BI-RADS ultrasound lexicon with comparison of fourth and fifth edition diagnostic performance using video clips. Ultrasonography, 2016, 35, 318-326.	2.3	12
118	Ultrafast dynamic contrast-enhanced breast MRI: association with pathologic complete response in neoadjuvant treatment of breast cancer. European Radiology, 2022, 32, 4823-4833.	4.5	12
119	Is Follow-up BRAFV600E Mutation Analysis Helpful in the Differential Diagnosis of Thyroid Nodules with Negative Results on Initial Analysis?. PLoS ONE, 2013, 8, e58592.	2.5	11
120	Significance of Incidentally Detected Subcentimeter Enhancing Lesions on Preoperative Breast MRI: Role of Second-Look Ultrasound in Lesion Detection and Management. American Journal of Roentgenology, 2015, 204, W357-W362.	2.2	11
121	Mammographically Occult Asymptomatic Radial Scars/Complex Sclerosing Lesions at Ultrasonography-Guided Core Needle Biopsy: Follow-Up Can Be Recommended. Ultrasound in Medicine and Biology, 2016, 42, 2367-2371.	1.5	11
122	Predicting lymph node metastasis in patients with papillary thyroid carcinoma by vascular index on power Doppler ultrasound. Head and Neck, 2017, 39, 334-340.	2.0	11
123	Comparison of diagnostic performance of the ACR and Kwak TIRADS applying the ACR TIRADSâ€™ size thresholds for FNA. European Radiology, 2021, 31, 5243-5250.	4.5	11
124	Convolutional Neural Network to Stratify the Malignancy Risk of Thyroid Nodules: Diagnostic Performance Compared with the American College of Radiology Thyroid Imaging Reporting and Data System Implemented by Experienced Radiologists. American Journal of Neuroradiology, 2021, 42, 1513-1519.	2.4	11
125	Which supplementary imaging modality should be used for breast ultrasonography? Comparison of the diagnostic performance of elastography and computer-aided diagnosis. Ultrasonography, 2017, 36, 153-159.	2.3	11
126	Comparison of breast tissue markers for tumor localization in breast cancer patients undergoing neoadjuvant chemotherapy. Ultrasonography, 2019, 38, 336-344.	2.3	11

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127	Benign Aspirates on Follow-Up FNA May Be Enough in Patients with Initial Atypia of Undetermined Significance/Follicular Lesion of Undetermined Significance. International Journal of Endocrinology, 2014, 2014, 1-8.	1.5	10
128	Applying Ultrasoundâ€Guided Core Needle Biopsy for Diagnosis of Thyroid Masses. Journal of Ultrasound in Medicine, 2015, 34, 1801-1808.	1.7	10
129	Application of Thyroid Imaging Reporting and Data System in the Ultrasound Assessment of Thyroid Nodules According to Physician Experience. Ultrasound Quarterly, 2016, 32, 126-131.	0.8	10
130	Effect of Background Parenchymal Enhancement on Pre-Operative Breast Magnetic Resonance Imaging: How It Affects Interpretation and the Role of Second-Look Ultrasound in Patient Management. Ultrasound in Medicine and Biology, 2016, 42, 2766-2774.	1.5	10
131	Clinical Parameter for Deciding the BRAFV600E Mutation Test in Atypia of Undetermined Significance/Follicular Lesion of Undetermined Significance Thyroid Nodules. Ultrasound Quarterly, 2017, 33, 284-288.	0.8	10
132	Thyroid Nodules With Nondiagnostic Cytologic Results: Follow-Up Management Using Ultrasound Patterns Based on the 2015 American Thyroid Association Guidelines. American Journal of Roentgenology, 2018, 210, 412-417.	2.2	10
133	First Experience in Korea of Stereotactic Partial Breast Irradiation for Low-Risk Early-Stage Breast Cancer. Frontiers in Oncology, 2020, 10, 672.	2.8	10
134	Comparing recall rates following implementation of digital breast tomosynthesis to synthetic 2D images and digital mammography on women with breast-conserving surgery. European Radiology, 2020, 30, 6072-6079.	4.5	10
135	Depiction of breast cancers on digital mammograms by artificial intelligence-based computer-assisted diagnosis according to cancer characteristics. European Radiology, 2022, 32, 7400-7408.	4.5	10
136	Real-Time PCR Cycle Threshold Values for the BRAFV600E Mutation in Papillary Thyroid Microcarcinoma May Be Associated With Central Lymph Node Metastasis. Medicine (United States), 2015, 94, e1149.	1.0	9
137	Adding Ultrasound to the Evaluation of Patients with Pathologic Nipple Discharge to Diagnose Additional Breast Cancers: Preliminary Data. Ultrasound in Medicine and Biology, 2015, 41, 2099-2107.	1.5	9
138	Repeat fine-needle aspiration can be performed at 6Âmonths or more after initial atypia of undetermined significance or follicular lesion of undetermined significance results for thyroid nodules 10Âmm or larger. European Radiology, 2016, 26, 4442-4448.	4.5	9
139	Factors predictive of occult nippleâ€areolar complex involvement in patients with carcinoma in situ of the breast. Journal of Surgical Oncology, 2017, 116, 1046-1055.	1.7	9
140	Role of elastography for downgrading BI-RADS category 4a breast lesions according to risk factors. Acta Radiologica, 2019, 60, 278-285.	1.1	9
141	Imaging Protocol and Criteria for Evaluation of Axillary Lymph Nodes in the NAUTILUS Trial. Journal of Breast Cancer, 2021, 24, 554.	1.9	9
142	Diffuse Microcalcifications Only of the Thyroid Gland Seen on Ultrasound: Clinical Implication and Diagnostic Approach. Annals of Surgical Oncology, 2011, 18, 2899-2906.	1.5	8
143	Risk of Thyroid Cancer in Euthyroid Asymptomatic Patients with Thyroid Nodules with an Emphasis on Family History of Thyroid Cancer. Korean Journal of Radiology, 2016, 17, 255.	3.4	8
144	Semi-Quantitative Strain Ratio in the Differential Diagnosis of Breast Masses: Measurements Using One Region-of-Interest. Ultrasound in Medicine and Biology, 2016, 42, 1800-1806.	1.5	8

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145	â€œCategory 4Aâ€•microcalcifications: how should this subcategory be applied to microcalcifications seen on mammography?. Acta Radiologica, 2018, 59, 147-153.	1.1	8
146	Non-diagnostic thyroid nodules after application of the Bethesda system: a study evaluating the interval for repeat aspiration for non-diagnostic results. Acta Radiologica, 2018, 59, 305-312.	1.1	8
147	Follow-up interval for probably benign breast lesions on screening ultrasound in women at average risk for breast cancer with dense breasts. Acta Radiologica, 2018, 59, 1045-1050.	1.1	8
148	Effect of training on ultrasonography (US) BI-RADS features for radiology residents: a multicenter study comparing performances after training. European Radiology, 2019, 29, 4468-4476.	4.5	8
149	Cytopathologic criteria and size should be considered in comparison of fine-needle aspiration vs. core-needle biopsy for thyroid nodules: results based on large surgical series. Endocrine, 2020, 70, 558-565.	2.3	8
150	Diffusion-Weighted Magnetic Resonance Imaging for Breast Cancer Screening in High-Risk Women: Design and Imaging Protocol of a Prospective Multicenter Study in Korea. Journal of Breast Cancer, 2021, 24, 218.	1.9	8
151	Annual Trends in Ultrasonography-Guided 14-Gauge Core Needle Biopsy for Breast Lesions. Korean Journal of Radiology, 2020, 21, 259.	3.4	8
152	Core-Needle Biopsy Does Not Show Superior Diagnostic Performance to Fine-Needle Aspiration for Diagnosing Thyroid Nodules. Yonsei Medical Journal, 2020, 61, 161.	2.2	8
153	Fine-Needle Aspirate CYFRA 21-1, an Innovative New Marker for Diagnosis of Axillary Lymph Node Metastasis in Breast Cancer Patients. Medicine (United States), 2015, 94, e811.	1.0	7
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