Jung Hwan Baek

List of Publications by Year
in descending order

297 papers	14,685 citations	19657 61 h-index	25787 108 g-index
300 all docs	300 docs citations	300 times ranked	5678 citing authors

#	Article	IF	Citations
1	Benign and Malignant Thyroid Nodules: US Differentiationâ€”Multicenter Retrospective Study. Radiology, 2008, 247, 762-770.	7.3	935
2	Ultrasonography Diagnosis and Imaging-Based Management of Thyroid Nodules: Revised Korean Society of Thyroid Radiology Consensus Statement and Recommendations. Korean Journal of Radiology, 2016, 17, 370.	3.4	708
3	Ultrasonography and the Ultrasound-Based Management of Thyroid Nodules: Consensus Statement and Recommendations. Korean Journal of Radiology, 2011, 12, 1.	3.4	394
4	Radiofrequency ablation of benign thyroid nodules: safety and imaging follow-up in 236 patients. European Radiology, 2008, 18, 1244-1250.	4.5	386
5	2017 Thyroid Radiofrequency Ablation Guideline: Korean Society of Thyroid Radiology. Korean Journal of Radiology, 2018, 19, 632.	3.4	370
6	Complications Encountered in the Treatment of Benign Thyroid Nodules with US-guided Radiofrequency Ablation: A Multicenter Study. Radiology, 2012, 262, 335-342.	7.3	277
7	Radiofrequency Ablation of Benign Thyroid Nodules and Recurrent Thyroid Cancers: Consensus Statement and Recommendations. Korean Journal of Radiology, 2012, 13, 117.	3.4	270
8	Benign Predominantly Solid Thyroid Nodules: Prospective Study of Efficacy of Sonographically Guided Radiofrequency Ablation Versus Control Condition. American Journal of Roentgenology, 2010, 194, 1137-1142.	2.2	261
9	Radiofrequency ablation of benign non-functioning thyroid nodules: 4-year follow-up results for 111 patients. European Radiology, 2013, 23, 1044-1049.	4.5	255
10	Nonsurgical, Image-Guided, Minimally Invasive Therapy for Thyroid Nodules. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3949-3957.	3.6	229
11	Core-Needle Biopsy Is More Useful Than Repeat Fine-Needle Aspiration in Thyroid Nodules Read as Nondiagnostic or Atypia of Undetermined Significance by the Bethesda System for Reporting Thyroid Cytopathology. Thyroid, 2012, 22, 468-475.	4.5	218
12	Radiofrequency Ablation for the Treatment of Autonomously Functioning Thyroid Nodules. World Journal of Surgery, 2009, 33, 1971-1977.	1.6	200
13	Thermal Ablation for Benign Thyroid Nodules: Radiofrequency and Laser. Korean Journal of Radiology, 2011, 12, 525.	3.4	185
14	Active Surveillance for Patients With Papillary Thyroid Microcarcinoma: A Single Centerâ€™s Experience in Korea. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1917-1925.	3.6	164
15	A Computer-Aided Diagnosis System Using Artificial Intelligence for the Diagnosis and Characterization of Thyroid Nodules on Ultrasound: Initial Clinical Assessment. Thyroid, 2017, 27, 546-552.	4.5	160
16	US Fine-Needle Aspiration Biopsy for Thyroid Malignancy: Diagnostic Performance of Seven Society Guidelines Applied to 2000 Thyroid Nodules. Radiology, 2018, 287, 893-900.	7.3	157
17	Single-Session Treatment of Benign Cystic Thyroid Nodules with Ethanol versus Radiofrequency Ablation: A Prospective Randomized Study. Radiology, 2013, 269, 293-300.	7.3	153
18	Thyroid Radiofrequency Ablation: Updates on Innovative Devices and Techniques. Korean Journal of Radiology, 2017, 18, 615.	3.4	150

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19	Thyroid Imaging Reporting and Data System Risk Stratification of Thyroid Nodules: Categorization Based on Solidity and Echogenicity. Thyroid, 2016, 26, 562-572.	4.5	149
20	Efficacy and Safety of Radiofrequency Ablation for Benign Thyroid Nodules: A Prospective Multicenter Study. Korean Journal of Radiology, 2018, 19, 167.	3.4	149
21	Active Surveillance of Low-Risk Papillary Thyroid Microcarcinoma: A Multi-Center Cohort Study in Korea. Thyroid, 2018, 28, 1587-1594.	4.5	141
22	Radiofrequency Ablation (RFA) of Benign Thyroid Nodules in Patients with Incompletely Resolved Clinical Problems after Ethanol Ablation (EA). World Journal of Surgery, 2010, 34, 1488-1493.	1.6	138
23	Locoregional Control of Metastatic Well-Differentiated Thyroid Cancer by Ultrasound-Guided Radiofrequency Ablation. American Journal of Roentgenology, 2011, 197, W331-W336.	2.2	132
24	Optimum First-Line Treatment Technique for Benign Cystic Thyroid Nodules: Ethanol Ablation or Radiofrequency Ablation?. American Journal of Roentgenology, 2011, 196, W210-W214.	2.2	131
25	Statins Increase Mitochondrial and Peroxisomal Fatty Acid Oxidation in the Liver and Prevent Non-Alcoholic Steatohepatitis in Mice. Diabetes and Metabolism Journal, 2016, 40, 376.	4.7	131
26	Symptomatic Benign Thyroid Nodules: Efficacy of Additional Radiofrequency Ablation Treatment Sessionâ€"Prospective Randomized Study. Radiology, 2012, 263, 909-916.	7.3	130
27	Image Reporting and Characterization System for Ultrasound Features of Thyroid Nodules: Multicentric Korean Retrospective Study. Korean Journal of Radiology, 2013, 14, 110.	3.4	130
28	Diagnostic accuracy of fine-needle aspiration versus core-needle biopsy for the diagnosis of thyroid malignancy in a clinical cohort. European Radiology, 2012, 22, 1564-1572.	4.5	129
29	Ultrasound-Guided Fine Needle Aspiration of Thyroid Nodules: A Consensus Statement by the Korean Society of Thyroid Radiology. Korean Journal of Radiology, 2015, 16, 391.	3.4	124
30	Comparative Efficacy of Radiofrequency and Laser Ablation for the Treatment of Benign Thyroid Nodules: Systematic Review Including Traditional Pooling and Bayesian Network Meta-analysis. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1903-1911.	3.6	124
31	Core Needle Biopsy of the Thyroid: 2016 Consensus Statement and Recommendations from Korean Society of Thyroid Radiology. Korean Journal of Radiology, 2017, 18, 217.	3.4	122
32	Complications encountered in ultrasonography-guided radiofrequency ablation of benign thyroid nodules and recurrent thyroid cancers. European Radiology, 2017, 27, 3128-3137.	4.5	121
33	Radiofrequency Ablation for Autonomously Functioning Thyroid Nodules: A Multicenter Study. Thyroid, 2015, 25, 112-117.	4.5	120
34	Efficacy and Safety of Radiofrequency Ablation Versus Observation for Nonfunctioning Benign Thyroid Nodules: A Randomized Controlled International Collaborative Trial. Thyroid, 2015, 25, 890-896.	4.5	118
35	Radiofrequency Ablation of Thyroid Nodules: Basic Principles and Clinical Application. International Journal of Endocrinology, 2012, 2012, 1-7.	1.5	111
36	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

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37	Thyroid Nodules with Initially Nondiagnostic Cytologic Results: The Role of Core-Needle Biopsy. Radiology, 2013, 268, 274-280.	7.3	110
38	Computer-aided diagnosis for classifying benign versus malignant thyroid nodules based on ultrasound images: A comparison with radiologist-based assessments. Medical Physics, 2016, 43, 554-567.	3.0	103
39	Efficacy and safety of radiofrequency ablation for treating locoregional recurrence from papillary thyroid cancer. European Radiology, 2015, 25, 163-170.	4.5	101
40	Cystic versus predominantly cystic thyroid nodules: efficacy of ethanol ablation and analysis of related factors. European Radiology, 2012, 22, 1573-1578.	4.5	100
41	How to manage the patients with unsatisfactory results after ethanol ablation for thyroid nodules: Role of radiofrequency ablation. European Journal of Radiology, 2012, 81, 905-910.	2.6	99
42	Radiofrequency versus Ethanol Ablation for Treating Predominantly Cystic Thyroid Nodules: A Randomized Clinical Trial. Korean Journal of Radiology, 2015, 16, 1332.	3.4	99
43	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
44	Radiofrequency ablation and related <scp>ultrasoundâ€guided</scp> ablation technologies for treatment of benign and malignant thyroid disease: An international multidisciplinary consensus statement of the American Head and Neck Society Endocrine Surgery Section with the Asia Pacific Society of Thyroid Surgery, Associazione Medici Endocrinologi, British Association of Endocrine and Thyroid Surgeons, European Thyroid Association, Italian Society of Endocrine Surgery Units, Korean Society of Thyroid Radiology. Head and Neck, 2022, 44, 633-660.	2.0	92
45	Differences in Risk of Malignancy and Management Recommendations in Subcategories of Thyroid Nodules with Atypia of Undetermined Significance or Follicular Lesion of Undetermined Significance: The Role of Ultrasound-Guided Core-Needle Biopsy. Thyroid, 2014, 24, 494-501.	4.5	90
46	Active Surveillance for Small Papillary Thyroid Cancer: A Systematic Review and Meta-Analysis. Thyroid, 2019, 29, 1399-1408.	4.5	88
47	Ultrasonography-Based Thyroidal and Perithyroidal Anatomy and Its Clinical Significance. Korean Journal of Radiology, 2015, 16, 749.	3.4	86
48	Radiofrequency Ablation for an Autonomously Functioning Thyroid Nodule. Thyroid, 2008, 18, 675-676.	4.5	83
49	Radiofrequency and ethanol ablation for the treatment of recurrent thyroid cancers. Current Opinion in Oncology, 2013, 25, 14-19.	2.4	80
50	2016 Revised Korean Thyroid Association Management Guidelines for Patients with Thyroid Nodules and Thyroid Cancer. International Journal of Thyroidology, 2016, 9, 59.	0.1	80
51	Performance of CT in the Preoperative Diagnosis of Cervical Lymph Node Metastasis in Patients with Papillary Thyroid Cancer: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2017, 38, 154-161.	2.4	79
52	Radiofrequency ablation of low-risk small papillary thyroidcarcinoma: preliminary results for patients ineligible for surgery. International Journal of Hyperthermia, 2017, 33, 212-219.	2.5	79
53	Long-Term Follow-Up Results of Ultrasound-Guided Radiofrequency Ablation for Low-Risk Papillary Thyroid Microcarcinoma: More Than 5-Year Follow-Up for 84 Tumors. Thyroid, 2020, 30, 1745-1751.	4.5	79
54	Accuracy of Core Needle Biopsy Versus Fine Needle Aspiration Cytology for Diagnosing Salivary Gland Tumors. Journal of Pathology and Translational Medicine, 2015, 49, 136-143.	1.1	77

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55	Safety of Radiofrequency Ablation of Benign Thyroid Nodules and Recurrent Thyroid Cancers: A Systematic Review and Meta-Analysis. International Journal of Hyperthermia, 2017, 33, 1-35.	2.5	77
56	Ultrasound elastography for evaluation of cervical lymph nodes. Ultrasonography, 2015, 34, 157-164.	2.3	75
57	One-Step Ethanol Ablation of Viscous Cystic Thyroid Nodules. American Journal of Roentgenology, 2008, 191, 1730-1733.	2.2	72
58	Efficacy and Safety of Radiofrequency and Ethanol Ablation for Treating Locally Recurrent Thyroid Cancer: A Systematic Review and Meta-Analysis. Thyroid, 2016, 26, 420-428.	4.5	72
59	US-Guided Radiofrequency Ablation for Low-Risk Papillary Thyroid Microcarcinoma: Efficacy and Safety in a Large Population. Korean Journal of Radiology, 2019, 20, 1653.	3.4	72
60	Thyroid nodules with initially non-diagnostic, fine-needle aspiration results: comparison of core-needle biopsy and repeated fine-needle aspiration. European Radiology, 2014, 24, 2819-2826.	4.5	70
61	Moving-Shot versus Fixed Electrode Techniques for Radiofrequency Ablation: Comparison in anEx-VivoBovine Liver Tissue Model. Korean Journal of Radiology, 2014, 15, 836.	3.4	68
62	Long-Term Outcomes Following Thermal Ablation of Benign Thyroid Nodules as an Alternative to Surgery: The Importance of Controlling Regrowth. Endocrinology and Metabolism, 2019, 34, 117.	3.0	64
63	Diagnostic Performance of Practice Guidelines for Thyroid Nodules: Thyroid Nodule Size versus Biopsy Rates. Radiology, 2019, 291, 92-99.	7.3	63
64	Radiofrequency ablation of benign thyroid nodules: depicting early sign of regrowth by calculating vital volume. International Journal of Hyperthermia, 2017, 33, 1-6.	2.5	62
65	Sonographically Suspicious Thyroid Nodules with Initially Benign Cytologic Results: The Role of a Core Needle Biopsy. Thyroid, 2013, 23, 703-708.	4.5	61
66	Radiofrequency Ablation Is a Thyroid Functionâ€“Preserving Treatment for Patients with Bilateral Benign Thyroid Nodules. Journal of Vascular and Interventional Radiology, 2015, 26, 55-61.	0.5	58
67	Innovative Techniques for Image-Guided Ablation of Benign Thyroid Nodules: Combined Ethanol and Radiofrequency Ablation. Korean Journal of Radiology, 2017, 18, 461.	3.4	58
68	Clinical significance of vagus nerve variation in radiofrequency ablation of thyroid nodules. European Radiology, 2011, 21, 2151-2157.	4.5	57
69	Quantitative Shear Wave Elastography in the Evaluation of Metastatic Cervical Lymph Nodes. Ultrasound in Medicine and Biology, 2013, 39, 935-940.	1.5	57
70	The Role of Core-Needle Biopsy as a First-Line Diagnostic Tool for Initially Detected Thyroid Nodules. Thyroid, 2016, 26, 395-403.	4.5	56
71	Longer-term outcomes of radiofrequency ablation for locally recurrent papillary thyroid cancer. European Radiology, 2019, 29, 4897-4903.	4.5	56
72	The efficacy and complications of radiofrequency ablation of thyroid nodules. Current Opinion in Endocrinology, Diabetes and Obesity, 2011, 18, 310-314.	2.3	55

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73	Initial Ablation Ratio: Quantitative Value Predicting the Therapeutic Success of Thyroid Radiofrequency Ablation. Thyroid, 2018, 28, 1443-1449.	4.5	55
74	Diagnosis of Thyroid Follicular Neoplasm: Fine-Needle Aspiration Versus Core-Needle Biopsy. Thyroid, 2014, 24, 1612-1617.	4.5	54
75	Core needle biopsy can minimise the non-diagnostic results and need for diagnostic surgery in patients with calcified thyroid nodules. European Radiology, 2014, 24, 1403-1409.	4.5	54
76	Inter-Observer Variation in Ultrasound Measurement of the Volume and Diameter of Thyroid Nodules. Korean Journal of Radiology, 2015, 16, 560.	3.4	53
77	Features of papillary thyroid microcarcinoma associated with lateral cervical lymph node metastasis. Clinical Endocrinology, 2017, 86, 845-851.	2.4	53
78	Risk factors for central neck lymph node metastasis of clinically noninvasive, node-negative papillary thyroid microcarcinoma. American Journal of Surgery, 2014, 208, 412-418.	1.8	52
79	Percutaneous Radiofrequency Ablation of Benign Thyroid Nodules Assisted by a Virtual Needle Tracking System. Ultrasound in Medicine and Biology, 2014, 40, 1447-1452.	1.5	52
80	Complications following US-guided core-needle biopsy for thyroid lesions: a retrospective study of 6,169 consecutive patients with 6,687 thyroid nodules. European Radiology, 2017, 27, 1186-1194.	4.5	50
81	Deep Learningâ€“Based Computer-Aided Diagnosis System for Localization and Diagnosis of Metastatic Lymph Nodes on Ultrasound: A Pilot Study. Thyroid, 2018, 28, 1332-1338.	4.5	50
82	Diagnostic Performance of Four Ultrasound Risk Stratification Systems: A Systematic Review and Meta-Analysis. Thyroid, 2020, 30, 1159-1168.	4.5	50
83	The role of core-needle biopsy in the diagnosis of thyroid malignancy in 4580 patients with 4746 thyroid nodules: a systematic review and meta-analysis. Endocrine, 2016, 54, 315-328.	2.3	49
84	Core needle biopsy could reduce diagnostic surgery in patients with anaplastic thyroid cancer or thyroid lymphoma. European Radiology, 2016, 26, 1031-1036.	4.5	49
85	The diagnostic performance of shear wave elastography for malignant cervical lymph nodes: A systematic review and meta-analysis. European Radiology, 2017, 27, 222-230.	4.5	49
86	Cytology-Ultrasonography Risk-Stratification Scoring System Based on Fine-Needle Aspiration Cytology and the Korean-Thyroid Imaging Reporting and Data System. Thyroid, 2017, 27, 953-959.	4.5	49
87	Laser and radiofrequency ablations for benign and malignant thyroid tumors. International Journal of Hyperthermia, 2019, 36, 13-20.	2.5	49
88	Radiofrequency ablation of primary thyroid carcinoma: efficacy according to the types of thyroid carcinoma. International Journal of Hyperthermia, 2018, 34, 611-616.	2.5	48
89	Value of CT added to ultrasonography for the diagnosis of lymph node metastasis in patients with thyroid cancer. Head and Neck, 2018, 40, 2137-2148.	2.0	48
90	Long-Term Results of Thermal Ablation of Benign Thyroid Nodules: A Systematic Review and Meta-Analysis. Endocrinology and Metabolism, 2020, 35, 339-350.	3.0	46

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91	Recent Changes in the Clinical Outcome of Papillary Thyroid Carcinoma With Cervical Lymph Node Metastasis. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3470-3477.	3.6	45
92	Thermal Ablation for Small Papillary Thyroid Cancer: A Systematic Review. Thyroid, 2019, 29, 1774-1783.	4.5	45
93	Management strategy for nerve damage during radiofrequency ablation of thyroid nodules. International Journal of Hyperthermia, 2019, 36, 203-209.	2.5	45
94	Tumor Volume Doubling Time in Active Surveillance of Papillary Thyroid Carcinoma. Thyroid, 2019, 29, 642-649.	4.5	44
95	Risk Stratification of Thyroid Nodules on Ultrasonography: Current Status and Perspectives. Thyroid, 2017, 27, 1463-1468.	4.5	43
96	Diagnostic performance of CT in detection of metastatic cervical lymph nodes in patients with thyroid cancer: a systematic review and meta-analysis. European Radiology, 2019, 29, 4635-4647.	4.5	42
97	Symptomatic nonfunctioning parathyroid cysts: Role of simple aspiration and ethanol ablation. European Journal of Radiology, 2013, 82, 316-320.	2.6	41
98	Is Male Gender a Prognostic Factor for Papillary Thyroid Microcarcinoma?. Annals of Surgical Oncology, 2017, 24, 1958-1964.	1.5	41
99	Virtual Touch Tissue Imaging Quantification Shear Wave Elastography: Prospective Assessment of Cervical Lymph Nodes. Ultrasound in Medicine and Biology, 2016, 42, 378-386.	1.5	40
100	Improved Diagnostic Accuracy Using Arterial Phase CT for Lateral Cervical Lymph Node Metastasis from Papillary Thyroid Cancer. American Journal of Neuroradiology, 2017, 38, 782-788.	2.4	40
101	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
102	Mesenchymal stem cells prevent the progression of diabetic nephropathy by improving mitochondrial function in tubular epithelial cells. Experimental and Molecular Medicine, 2019, 51, 1-14.	7.7	39
103	Unnecessary thyroid nodule biopsy rates under four ultrasound risk stratification systems: a systematic review and meta-analysis. European Radiology, 2021, 31, 2877-2885.	4.5	39
104	Impact of Nodule Size on Malignancy Risk Differs according to the Ultrasonography Pattern of Thyroid Nodules. Korean Journal of Radiology, 2018, 19, 534.	3.4	38
105	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
106	Radiofrequency ablation of benign thyroid nodules: recommendations from the Asian Conference on Tumor Ablation Task Force. Ultrasonography, 2021, 40, 75-82.	2.3	37
107	Web-Based Malignancy Risk Estimation for Thyroid Nodules Using Ultrasonography Characteristics: Development and Validation of a Predictive Model. Thyroid, 2015, 25, 1306-1312.	4.5	36
108	Coreâ€needle biopsy versus repeat fineâ€needle aspiration for thyroid nodules initially read as atypia/follicular lesion of undetermined significance. Head and Neck, 2017, 39, 361-369.	2.0	36

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109	Oropharyngeal squamous cell carcinoma: radiomic machine-learning classifiers from multiparametric MR images for determination of HPV infection status. Scientific Reports, 2020, 10, 17525.	3.3	36
110	Active Surveillance of Papillary Thyroid Microcarcinoma: Where Do We Stand?. European Thyroid Journal, 2019, 8, 298-306.	2.4	35
111	Recent Advances in Core Needle Biopsy for Thyroid Nodules. Endocrinology and Metabolism, 2017, 32, 407.	3.0	33
112	High-intensity focused ultrasound (HIFU) therapy for benign thyroid nodules without anesthesia or sedation. Endocrine, 2018, 61, 210-215.	2.3	32
113	Diffusion-weighted Magnetic Resonance Imaging for Predicting Response to Chemoradiation Therapy for Head and Neck Squamous Cell Carcinoma: A Systematic Review. Korean Journal of Radiology, 2019, 20, 649.	3.4	32
114	Sonographic Assessment of the Extent of Extrathyroidal Extension in Thyroid Cancer. Korean Journal of Radiology, 2020, 21, 1187.	3.4	32
115	2019 Practice guidelines for thyroid core needle biopsy: a report of the Clinical Practice Guidelines Development Committee of the Korean Thyroid Association. Journal of Pathology and Translational Medicine, 2020, 54, 64-86.	1.1	32
116	Intravoxel Incoherent Motion MR Imaging in the Head and Neck: Correlation with Dynamic Contrast-Enhanced MR Imaging and Diffusion-Weighted Imaging. Korean Journal of Radiology, 2016, 17, 641.	3.4	31
117	Validation of Three Scoring Risk-Stratification Models for Thyroid Nodules. Thyroid, 2017, 27, 1550-1557.	4.5	31
118	High-resolution Imaging of Neural Anatomy and Pathology of the Neck. Korean Journal of Radiology, 2017, 18, 180.	3.4	31
119	Clinical practice guidelines for radiofrequency ablation of benign thyroid nodules: a systematic review. Ultrasonography, 2021, 40, 256-264.	2.3	31
120	Ultrasound Features of Middle Cervical Sympathetic Ganglion. Clinical Journal of Pain, 2015, 31, 909-913.	1.9	30
121	Detection of Malignancy Among Suspicious Thyroid Nodules <1â€‰cm on Ultrasound with Various Thyroid Image Reporting and Data Systems. Thyroid, 2017, 27, 1307-1315.	4.5	30
122	A Scoring System for Prediction of Cervical Lymph Node Metastasis in Patients with Head and Neck Squamous Cell Carcinoma. American Journal of Neuroradiology, 2019, 40, 1049-1054.	2.4	30
123	Five-year follow-up results of thermal ablation for low-risk papillary thyroid microcarcinomas: systematic review and meta-analysis. European Radiology, 2021, 31, 6446-6456.	4.5	30
124	Ethanol ablation as a treatment strategy for benign cystic thyroid nodules: a comparison of the ethanol retention and aspiration techniques. Ultrasonography, 2019, 38, 166-171.	2.3	30
125	Minimally Invasive Treatment for Benign Parathyroid Lesions: Treatment Efficacy and Safety Based on Nodule Characteristics. Korean Journal of Radiology, 2020, 21, 1383.	3.4	30
126	Serial Neck Ultrasonographic Evaluation of Changes in Papillary Thyroid Carcinoma During Pregnancy. Thyroid, 2017, 27, 773-777.	4.5	29

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127	Preoperative Clinical and Sonographic Predictors for Lateral Cervical Lymph Node Metastases in Sporadic Medullary Thyroid Carcinoma. Thyroid, 2018, 28, 362-368.	4.5	29
128	Comparison of Thermal Ablation and Surgery for Low-Risk Papillary Thyroid Microcarcinoma: A Systematic Review and Meta-Analysis. Korean Journal of Radiology, 2021, 22, 1730.	3.4	29
129	Current status of core needle biopsy of the thyroid. Ultrasonography, 2017, 36, 83-85.	2.3	29
130	Diagnosis of Metastasis to the Thyroid Gland. Otolaryngology - Head and Neck Surgery, 2016, 154, 618-625.	1.9	28
131	Histogram Analysis of Apparent Diffusion Coefficients for Occult Tonsil Cancer in Patients with Cervical Nodal Metastasis from an Unknown Primary Site at Presentation. Radiology, 2016, 278, 146-155.	7.3	28
132	The Role of Core Needle Biopsy for the Evaluation of Thyroid Nodules with Suspicious Ultrasound Features. Korean Journal of Radiology, 2019, 20, 158.	3.4	28
133	Summary of the 2017 thyroid radiofrequency ablation guideline and comparison with the 2012 guideline. Ultrasonography, 2019, 38, 125-134.	2.3	28
134	The Diagnostic Value of Diffusion-Weighted Imaging in Differentiating Metastatic Lymph Nodes of Head and Neck Squamous Cell Carcinoma: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2018, 39, 1889-1895.	2.4	27
135	Efficacy and safety of thermal ablation for autonomously functioning thyroid nodules: a systematic review and meta-analysis. European Radiology, 2021, 31, 605-615.	4.5	27
136	Applications of machine learning and deep learning to thyroid imaging: where do we stand?. Ultrasonography, 2021, 40, 23-29.	2.3	27
137	Is Diffusion-Weighted MRI Useful for Differentiation of Small Non-Necrotic Cervical Lymph Nodes in Patients with Head and Neck Malignancies?. Korean Journal of Radiology, 2014, 15, 810.	3.4	26
138	The Role of Core Needle Biopsy for Thyroid Nodules with Initially Indeterminate Results on Previous Fine-Needle Aspiration: A Systematic Review and Meta-Analysis. American Journal of Neuroradiology, 2017, 38, 1421-1426.	2.4	26
139	Methodology for Developing Evidence-Based Clinical Imaging Guidelines: Joint Recommendations by Korean Society of Radiology and National Evidence-Based Healthcare Collaborating Agency. Korean Journal of Radiology, 2017, 18, 208.	3.4	26
140	Diagnostic performance of adult-based ATA and ACR-TIRADS ultrasound risk stratification systems in pediatric thyroid nodules: a systematic review and meta-analysis. European Radiology, 2021, 31, 7450-7463.	4.5	26
141	Efficacy and safety of core-needle biopsy in initially detected thyroid nodules via propensity score analysis. Scientific Reports, 2017, 7, 8242.	3.3	25
142	The diagnostic performance of CT and MRI for detecting extranodal extension in patients with head and neck squamous cell carcinoma: a systematic review and diagnostic meta-analysis. European Radiology, 2021, 31, 2048-2061.	4.5	25
143	Hypervascular solid-appearing serous cystic neoplasms of the pancreas: Differential diagnosis with neuroendocrine tumours. European Radiology, 2016, 26, 1348-1358.	4.5	24
144	A Comparison of Ultrasound-Guided Fine Needle Aspiration versus Core Needle Biopsy for Thyroid Nodules: Pain, Tolerability, and Complications. Endocrinology and Metabolism, 2018, 33, 114.	3.0	24

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145	Revisiting Rupture of Benign Thyroid Nodules after Radiofrequency Ablation: Various Types and Imaging Features. Endocrinology and Metabolism, 2019, 34, 415.	3.0	24
146	The Korean guideline for thyroid cancer screening. Journal of the Korean Medical Association, 2015, 58, 302.	0.3	23
147	Dynamic risk stratification for medullary thyroid cancer according to the response to initial therapy. Endocrine, 2016, 53, 174-181.	2.3	23
148	Complications following ultrasound-guided core needle biopsy of thyroid nodules: a systematic review and meta-analysis. European Radiology, 2018, 28, 3848-3860.	4.5	23
149	Malignancy risk of initially benign thyroid nodules: validation with various Thyroid Imaging Reporting and Data System guidelines. European Radiology, 2019, 29, 133-140.	4.5	23
150	Can Ultrasound Be as a Surrogate Marker for Diagnosing a Papillary Thyroid Cancer? Comparison with BRAF Mutation Analysis. Yonsei Medical Journal, 2014, 55, 871.	2.2	22
151	Impact of Reclassification on Thyroid Nodules with Architectural Atypia: From Non-Invasive Encapsulated Follicular Variant Papillary Thyroid Carcinomas to Non-Invasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features. PLoS ONE, 2016, 11, e0167756.	2.5	22
152	Efficacy and safety of single-session radiofrequency ablation for benign thyroid nodules of different sizes: a retrospective study. International Journal of Hyperthermia, 2020, 37, 1082-1089.	2.5	22
153	Shear wave elastography using ultrasound: effects of anisotropy and stretch stress on a tissue phantom and in vivo reactive lymph nodes in the neck. Ultrasonography, 2017, 36, 25-32.	2.3	22
154	Does Radiofrequency Ablation Induce Neoplastic Changes in Benign Thyroid Nodules: A Preliminary Study. Endocrinology and Metabolism, 2019, 34, 169.	3.0	22
155	The role of core needle biopsy in the diagnosis of initially detected thyroid nodules: a systematic review and meta-analysis. European Radiology, 2018, 28, 4909-4918.	4.5	21
156	Development of a personalized and realistic educational thyroid cancer phantom based on CT images: An evaluation of accuracy between three different 3D printers. Computers in Biology and Medicine, 2019, 113, 103393.	7.0	21
157	Efficacy of radiofrequency ablation for recurrent thyroid cancer invading the airways. European Radiology, 2021, 31, 2153-2160.	4.5	21
158	Clinical applications of Doppler ultrasonography for thyroid disease: consensus statement by the Korean Society of Thyroid Radiology. Ultrasonography, 2020, 39, 315-330.	2.3	21
159	Ethanol and thermal ablation for malignant thyroid tumours. International Journal of Hyperthermia, 2017, 33, 1-8.	2.5	20
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