Kyung Hwa Han

List of Publications by Year in descending order

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232 papers

6,670 citations

36 h-index 70 g-index

240 all docs

240 docs citations

times ranked

240

9319 citing authors

#	Article	IF	Citations
1	Deep Learning for the Detection of Breast Cancers on Chest Computed Tomography. Clinical Breast Cancer, 2022, 22, 26-31.	2.4	13
2	Mammographic Surveillance After Breast-Conserving Therapy: Impact of Digital Breast Tomosynthesis and Artificial Intelligence–Based Computer-Aided Detection. American Journal of Roentgenology, 2022, 218, 42-51.	2.2	6
3	Radiomics Feature Analysis Using Native T1 Mapping for Discriminating Between Cardiac Tumors and Thrombi. Academic Radiology, 2022, 29, S1-S8.	2.5	8
4	A New Reporting System for Diagnosis of Hepatocellular Carcinoma in Chronic Hepatitis B With Clinical and Gadoxetic Acidâ€Enhanced <scp>MRI</scp> Features. Journal of Magnetic Resonance Imaging, 2022, 55, 1877-1886.	3.4	7
5	Evaluation of the Ostium in Anomalous Origin of the Right Coronary Artery with an Interarterial Course Using Dynamic Cardiac CT and Implications of Ostial Findings. Korean Journal of Radiology, 2022, 23, 172.	3.4	4
6	Artificial Intelligence for Breast Cancer Screening in Mammography (AI-STREAM): A Prospective Multicenter Study Design in Korea Using AI-Based CADe/x. Journal of Breast Cancer, 2022, 25, 57.	1.9	6
7	Quality assessment of radiomics research in cardiac CT: a systematic review. European Radiology, 2022, , $1. $	4.5	6
8	Preoperative magnetic resonance imagingâ€based prognostic model for massâ€forming intrahepatic cholangiocarcinoma. Liver International, 2022, 42, 930-941.	3.9	7
9	US, Mammography, and Histopathologic Evaluation to Identify Low Nuclear Grade Ductal Carcinoma in Situ. Radiology, 2022, 303, 276-284.	7.3	2
10	Quality of science and reporting for radiomics in cardiac magnetic resonance imaging studies: a systematic review. European Radiology, 2022, 32, 4361-4373.	4.5	7
11	Retrospective Evaluation of Treatment Response in Patients with Nonmetastatic Pancreatic Cancer Using CT and CA 19-9. Radiology, 2022, 303, 548-556.	7.3	10
12	Restricted Mean Survival Time for Survival Analysis: A Quick Guide for Clinical Researchers. Korean Journal of Radiology, 2022, 23, 495.	3.4	19
13	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
14	CT-based radiomics signature for differentiation between cardiac tumors and thrombi: a retrospective, multicenter study. Scientific Reports, 2022, 12, 8173.	3.3	4
15	How to Clearly and Accurately Report Odds Ratio and Hazard Ratio in Diagnostic Research Studies?. Korean Journal of Radiology, 2022, 23, 777.	3.4	4
16	Initial Abdominal CT and Laboratory Findings Prior to Diagnosis of Crohn's Disease in Children. Yonsei Medical Journal, 2022, 63, 675.	2.2	0
17	Adding radiomics to the 2021 WHO updates may improve prognostic prediction for current IDH-wildtype histological lower-grade gliomas with known EGFR amplification and TERT promoter mutation status. European Radiology, 2022, 32, 8089-8098.	4.5	4
18	Subcentimeter hepatocellular carcinoma in treatment-na \tilde{A} -ve patients: noninvasive diagnostic criteria and tumor staging on gadoxetic acidâ \in "enhanced MRI. European Radiology, 2021, 31, 2321-2331.	4.5	6

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19	Diffusion tensor and postcontrast T1-weighted imaging radiomics to differentiate the epidermal growth factor receptor mutation status of brain metastases from non-small cell lung cancer. Neuroradiology, 2021, 63, 343-352.	2.2	21
20	Differentiation of left atrial appendage thrombus from circulatory stasis using cardiac CT radiomics in patients with valvular heart disease. European Radiology, 2021, 31, 1130-1139.	4.5	18
21	Calcifications with suspicious morphology at mammography: should they all be considered with the same clinical significance?. European Radiology, 2021, 31, 2529-2538.	4.5	4
22	Machine Learning Based Radiomic <scp>HPV</scp> Phenotyping of Oropharyngeal <scp>SCC</scp> : A Feasibility Study Using <scp>MRI</scp> . Laryngoscope, 2021, 131, E851-E856.	2.0	22
23	Reliability of Coronary Artery Calcium Severity Assessment on Non-Electrocardiogram-Gated CT: A Meta-Analysis. Korean Journal of Radiology, 2021, 22, 1034.	3.4	7
24	Performance of Prediction Models for Diagnosing Severe Aortic Stenosis Based on Aortic Valve Calcium on Cardiac Computed Tomography: Incorporation of Radiomics and Machine Learning. Korean Journal of Radiology, 2021, 22, 334.	3.4	13
25	Quantitative MRI Assessment of Pancreatic Steatosis Using Proton Density Fat Fraction in Pediatric Obesity. Korean Journal of Radiology, 2021, 22, 1886.	3.4	7
26	Mistakes to Avoid for Accurate and Transparent Reporting of Survival Analysis in Imaging Research. Korean Journal of Radiology, 2021, 22, 1587.	3 . 4	9
27	Implications of US radiomics signature for predicting malignancy in thyroid nodules with indeterminate cytology. European Radiology, 2021, 31, 5059-5067.	4.5	16
28	Stiffness of the Central Corpus Cavernosum on Shear-Wave Elastography Is Inversely Correlated with the Penile Rigidity Score in Patients with Erectile Dysfunction. World Journal of Men?s Health, 2021, 39, 123.	3.3	10
29	Regional Amyloid Burden Differences Evaluated Using Quantitative Cardiac MRI in Patients with Cardiac Amyloidosis. Korean Journal of Radiology, 2021, 22, 880.	3.4	2
30	A radiomics-based model for predicting prognosis of locally advanced gastric cancer in the preoperative setting. Scientific Reports, 2021, 11, 1879.	3.3	20
31	Clot Meniscus Sign: An Angiographic Clue for Choosing between Stent Retriever and Contact Aspiration in Acute Basilar Artery Occlusion. American Journal of Neuroradiology, 2021, 42, 732-737.	2.4	15
32	Predictive factors of recurrence after resection of subsolid clinical stage IA lung adenocarcinoma. Thoracic Cancer, 2021, 12, 941-948.	1.9	2
33	Feasibility of Coronary Artery Calcium Scoring on Dual-Energy Chest Computed Tomography: A Prospective Comparison with Electrocardiogram-Gated Calcium Score Computed Tomography. Journal of Clinical Medicine, 2021, 10, 653.	2.4	3
34	Robust performance of deep learning for automatic detection and segmentation of brain metastases using three-dimensional black-blood and three-dimensional gradient echo imaging. European Radiology, 2021, 31, 6686-6695.	4.5	32
35	Application of artificial intelligence–based computer-assisted diagnosis on synthetic mammograms from breast tomosynthesis: comparison with digital mammograms. European Radiology, 2021, 31, 6929-6937.	4.5	9
36	Radiomics analysis of contrast-enhanced CT for classification of hepatic focal lesions in colorectal cancer patients: its limitations compared to radiologists. European Radiology, 2021, 31, 8786-8796.	4.5	5

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37	Ultrahigh-field cardiovascular magnetic resonance T1 and T2 mapping for the assessment of anthracycline-induced cardiotoxicity in rat models: validation against histopathologic changes. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 76.	3.3	10
38	Identification of magnetic resonance imaging features for the prediction of molecular profiles of newly diagnosed glioblastoma. Journal of Neuro-Oncology, 2021, 154, 83-92.	2.9	8
39	Effect of different driver power amplitudes on liver stiffness measurement in pediatric liver MR elastography. Abdominal Radiology, 2021, 46, 4729-4735.	2.1	2
40	Deep Learning–Based Software Improves Clinicians' Detection Sensitivity of Aneurysms on Brain TOF-MRA. American Journal of Neuroradiology, 2021, 42, 1769-1775.	2.4	9
41	Cortical Thickness from MRI to Predict Conversion from Mild Cognitive Impairment to Dementia in Parkinson Disease: A Machine Learning–based Model. Radiology, 2021, 300, 390-399.	7.3	19
42	Radiomics machine learning study with a small sample size: Single random training-test set split may lead to unreliable results. PLoS ONE, 2021, 16, e0256152.	2.5	32
43	Histogram-derived modified thresholds for coronary artery calcium scoring with lower tube voltage. Scientific Reports, 2021, 11, 17450.	3.3	2
44	Prevalence of abnormal cardiovascular magnetic resonance findings in recovered patients from COVID-19: a systematic review and meta-analysis. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 100.	3.3	29
45	Coronary CT Angiography CAD-RADS versus Coronary Artery Calcium Score in Patients with Acute Chest Pain. Radiology, 2021, 301, 81-90.	7.3	7
46	Semi-Quantitative Analysis for Determining the Optimal Threshold Value on CT to Measure the Solid Portion of Pulmonary Subsolid Nodules. Journal of the Korean Society of Radiology, 2021, 82, 670.	0.2	0
47	MRI Features May Predict Molecular Features of Glioblastoma in <i>Isocitrate Dehydrogenase</i> Wild-Type Lower-Grade Gliomas. American Journal of Neuroradiology, 2021, 42, 448-456.	2.4	34
48	CT-Based Fagotti Scoring System for Non-Invasive Prediction of Cytoreduction Surgery Outcome in Patients with Advanced Ovarian Cancer. Korean Journal of Radiology, 2021, 22, 1481.	3.4	9
49	Diagnostic Performance of Deep Learning-Based Lesion Detection Algorithm in CT for Detecting Hepatic Metastasis from Colorectal Cancer. Korean Journal of Radiology, 2021, 22, 912.	3.4	23
50	Utility of the 16-cm Axial Volume Scan Technique for Coronary Artery Calcium Scoring on Non-Enhanced Chest CT: A Prospective Pilot Study. Journal of the Korean Society of Radiology, 2021, 82, 1493.	0.2	0
51	A Deep Learning Model with High Standalone Performance for Diagnosis of Unruptured Intracranial Aneurysm. Yonsei Medical Journal, 2021, 62, 1052.	2.2	6
52	Radiomics-based prediction of multiple gene alteration incorporating mutual genetic information in glioblastoma and grade 4 astrocytoma, IDH-mutant. Journal of Neuro-Oncology, 2021, 155, 267-276.	2.9	10
53	Impact of intratumoral heterogeneity on the metabolic profiling of breast cancer tissue using highâ€resolution magic angle spinning magnetic resonance spectroscopy. NMR in Biomedicine, 2021, , e4682.	2.8	2
54	Hook-wire localization versus lipiodol localization for patients with pulmonary lesions having ground-glass opacity. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1571-1579.e2.	0.8	19

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55	Evaluation of treatment response in hepatocellular carcinoma in the explanted liver with Liver Imaging Reporting and Data System version 2017. European Radiology, 2020, 30, 261-271.	4.5	47
56	Deep Convolutional Neural Network–based Software Improves Radiologist Detection of Malignant Lung Nodules on Chest Radiographs. Radiology, 2020, 294, 199-209.	7.3	164
57	Renal elasticity and perfusion changes associated with fibrosis on ultrasonography in a rabbit model of obstructive uropathy. European Radiology, 2020, 30, 1986-1996.	4.5	11
58	Stratification of Postsurgical Computed Tomography Surveillance Based on the Extragastric Recurrence of Early Gastric Cancer. Annals of Surgery, 2020, 272, 319-325.	4.2	18
59	Utility of FDG PET/CT for Preoperative Staging of Nonâ€"Small Cell Lung Cancers Manifesting as Subsolid Nodules With a Solid Portion of 3 cm or Smaller. American Journal of Roentgenology, 2020, 214, 514-523.	2.2	12
60	Guideline Implementation on Fine-Needle Aspiration for Thyroid Nodules: Focusing on Micronodules. Endocrine Practice, 2020, 26, 1017-1025.	2.1	1
61	Radiomics features of hippocampal regions in magnetic resonance imaging can differentiate medial temporal lobe epilepsy patients from healthy controls. Scientific Reports, 2020, 10, 19567.	3.3	18
62	Robust performance of deep learning for distinguishing glioblastoma from single brain metastasis using radiomic features: model development and validation. Scientific Reports, 2020, 10, 12110.	3.3	62
63	Atypical Ductal Hyperplasia on Ultrasonography-Guided Vacuum-Assisted Biopsy of the Breast. Ultrasound Quarterly, 2020, 36, 192-198.	0.8	3
64	Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. European Radiology, 2020, 30, 6464-6474.	4.5	8
65	Diffusion and perfusion MRI may predict EGFR amplification and the TERT promoter mutation status of IDH-wildtype lower-grade gliomas. European Radiology, 2020, 30, 6475-6484.	4.5	29
66	Strap muscle invasion in differentiated thyroid cancer does not impact disease-specific survival: a population-based study. Scientific Reports, 2020, 10, 18248.	3.3	5
67	Diagnosis of thyroid nodules on ultrasonography by a deep convolutional neural network. Scientific Reports, 2020, 10, 15245.	3.3	30
68	Temporal Trends in Cervical Spine Curvature of South Korean Adults Assessed by Deep Learning System Segmentation, 2006-2018. JAMA Network Open, 2020, 3, e2020961.	5.9	14
69	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
70	Cardiotoxicity evaluation using magnetic resonance imaging in breast Cancer patients (CareBest): study protocol for a prospective trial. BMC Cardiovascular Disorders, 2020, 20, 264.	1.7	8
71	Changes in cancer detection and false-positive recall in mammography using artificial intelligence: a retrospective, multireader study. The Lancet Digital Health, 2020, 2, e138-e148.	12.3	240
72	Three-dimensional radiomics of triple-negative breast cancer: Prediction of systemic recurrence. Scientific Reports, 2020, 10, 2976.	3.3	21

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73	Hepatic subcapsular or capsular flow in biliary atresia: is it useful imaging feature after the Kasai operation?. European Radiology, 2020, 30, 3161-3167.	4.5	7
74	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
75	MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. European Radiology, 2020, 30, 3035-3045.	4.5	6
76	Radiomics signature for prediction of lateral lymph node metastasis in conventional papillary thyroid carcinoma. PLoS ONE, 2020, 15, e0227315.	2.5	37
77	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
78	Magnetic resonance imaging–based 3-dimensional fractal dimension and lacunarity analyses may predict the meningioma grade. European Radiology, 2020, 30, 4615-4622.	4.5	19
79	Ultrasonography surveillance in papillary thyroid carcinoma patients after total thyroidectomy according to dynamic risk stratification. Endocrine, 2020, 69, 347-357.	2.3	2
80	Intranodular Vascularity May Be Useful in Predicting Malignancy in Thyroid Nodules with the Intermediate Suspicion Pattern of the 2015 American Thyroid Association Guidelines. Ultrasound in Medicine and Biology, 2020, 46, 1373-1379.	1.5	3
81	Utility of CT radiomics for prediction of PD‣1 expression in advanced lung adenocarcinomas. Thoracic Cancer, 2020, 11, 993-1004.	1.9	56
82	Application of machine learning to ultrasound images to differentiate follicular neoplasms of the thyroid gland. Ultrasonography, 2020, 39, 257-265.	2.3	21
83	Cardiac CT for Measurement of Right Ventricular Volume and Function in Comparison with Cardiac MRI: A Meta-Analysis. Korean Journal of Radiology, 2020, 21, 450.	3.4	19
84	Prognostic Value of Dual-Energy CT-Based Iodine Quantification versus Conventional CT in Acute Pulmonary Embolism: A Propensity-Match Analysis. Korean Journal of Radiology, 2020, 21, 1095.	3.4	9
85	Annual Trends in Ultrasonography-Guided 14-Gauge Core Needle Biopsy for Breast Lesions. Korean Journal of Radiology, 2020, 21, 259.	3.4	8
86	Liver stiffness and perfusion changes for hepatic sinusoidal obstruction syndrome in rabbit model. World Journal of Gastroenterology, 2020, 26, 706-716.	3.3	10
87	Optimization of a chest computed tomography protocol for detecting pure ground glass opacity nodules: A feasibility study with a computer-assisted detection system and a lung cancer screening phantom. PLoS ONE, 2020, 15, e0232688.	2.5	5
88	Quantitative T1 Mapping for Detecting Microvascular Obstruction in Reperfused Acute Myocardial Infarction: Comparison with Late Gadolinium Enhancement Imaging. Korean Journal of Radiology, 2020, 21, 978.	3.4	4
89	Determining the optimal timing of screening spinal cord ultrasonography to detect filum terminale lipoma in infants. Ultrasonography, 2020, 39, 367-375.	2.3	1
90	Gadoxetic acid enhanced magnetic resonance imaging for prediction of the postoperative prognosis of intrahepatic mass-forming cholangiocarcinoma. Abdominal Radiology, 2019, 44, 110-121.	2.1	8

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91	Optimal criteria for hepatocellular carcinoma diagnosis using CT in patients undergoing liver transplantation. European Radiology, 2019, 29, 1022-1031.	4.5	9
92	Contrast-enhanced US with Perfluorobutane for Hepatocellular Carcinoma Surveillance: A Multicenter Diagnostic Trial (SCAN). Radiology, 2019, 292, 638-646.	7.3	30
93	Outcomes of Ductal Carcinoma In Situ According to Detection Modality: A Multicenter Study Comparing Recurrence Between Mammography and Breast US. Ultrasound in Medicine and Biology, 2019, 45, 2623-2633.	1.5	3
94	Comparison Between Perfusion- and Collateral-Based Triage for Endovascular Thrombectomy in a Late Time Window. Stroke, 2019, 50, 3465-3470.	2.0	19
95	Relationship between Lower Dose and Injection Speed of Iodinated Contrast Material for CT and Acute Hypersensitivity Reactions: An Observational Study. Radiology, 2019, 293, 565-572.	7.3	27
96	Deep convolutional neural network for the diagnosis of thyroid nodules on ultrasound. Head and Neck, 2019, 41, 885-891.	2.0	75
97	Prognostic value of coronary artery disease-reporting and data system (CAD-RADS) score for cardiovascular events in ischemic stroke. Atherosclerosis, 2019, 287, 1-7.	0.8	17
98	Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. European Radiology, 2019, 29, 6643-6652.	4.5	45
99	Optimal lexicon of gadoxetic acid-enhanced magnetic resonance imaging for the diagnosis of hepatocellular carcinoma modified from LI-RADS. Abdominal Radiology, 2019, 44, 3078-3088.	2.1	20
100	Texture Analysis to Differentiate Malignant Renal Tumors in Children Using Gray-Scale Ultrasonography Images. Ultrasound in Medicine and Biology, 2019, 45, 2205-2212.	1.5	7
101	Tricuspid annular diameter and right ventricular volume on preoperative cardiac CT can predict postoperative right ventricular dysfunction in patients who undergo tricuspid valve surgery. International Journal of Cardiology, 2019, 288, 44-50.	1.7	4
102	Evaluation of Early Response to Treatment of Hepatocellular Carcinoma with Yttrium-90 Radioembolization Using Quantitative Computed Tomography Analysis. Korean Journal of Radiology, 2019, 20, 449.	3.4	8
103	Association Between Radiomics Signature and Disease-Free Survival in Conventional Papillary Thyroid Carcinoma. Scientific Reports, 2019, 9, 4501.	3.3	30
104	Diagnostic Value of Advanced ImagingÂModalities for the DetectionÂandÂDifferentiation of Prosthetic ValveÂObstruction. JACC: Cardiovascular Imaging, 2019, 12, 2182-2192.	5.3	17
105	Performance of deep learning-based algorithm for detection of ileocolic intussusception on abdominal radiographs of young children. Scientific Reports, 2019, 9, 19420.	3.3	11
106	Differentiation of thyroid nodules on US using features learned and extracted from various convolutional neural networks. Scientific Reports, 2019, 9, 19854.	3.3	11
107	Clinical utility of mono-exponential model diffusion weighted imaging using two b-values compared to the bi- or stretched exponential model for the diagnosis of biliary atresia in infant liver MRI. PLoS ONE, 2019, 14, e0226627.	2.5	10
108	Diagnosis of Thyroid Nodules: Performance of a Deep Learning Convolutional Neural Network Model vs. Radiologists. Scientific Reports, 2019, 9, 17843.	3.3	57

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109	Value of Computed Tomography Radiomic Features for Differentiation of Periprosthetic Mass in Patients With Suspected Prosthetic Valve Obstruction. Circulation: Cardiovascular Imaging, 2019, 12, e009496.	2.6	21
110	Imaging Features of Hepatocellular Carcinoma. Investigative Radiology, 2019, 54, 494-499.	6.2	16
111	The added prognostic value of radiological phenotype combined with clinical features and molecular subtype in anaplastic gliomas. Journal of Neuro-Oncology, 2019, 142, 129-138.	2.9	9
112	Radiomics and machine learning may accurately predict the grade and histological subtype in meningiomas using conventional and diffusion tensor imaging. European Radiology, 2019, 29, 4068-4076.	4.5	132
113	Radiological patterns of secondary sclerosing cholangitis in patients after lung transplantation. Abdominal Radiology, 2019, 44, 1361-1366.	2.1	5
114	Feasibility of Spin-Echo Echo-Planar Imaging MR Elastography in Livers of Children and Young Adults. Investigative Magnetic Resonance Imaging, 2019, 23, 251.	0.4	2
115	Incremental Role of Pancreatic Magnetic Resonance Imaging after Staging Computed Tomography to Evaluate Patients with Pancreatic Ductal Adenocarcinoma. Cancer Research and Treatment, 2019, 51, 24-33.	3.0	17
116	Title is missing!. , 2019, 14, e0226627.		0
117	Title is missing!. , 2019, 14, e0226627.		0
118	Title is missing!. , 2019, 14, e0226627.		0
119	Title is missing!. , 2019, 14, e0226627.		0
120	Predictive factors for treatment response using dual-energy computed tomography in patients with advanced lung adenocarcinoma. European Journal of Radiology, 2018, 101, 118-123.	2.6	17
121	Myocardial Extracellular Volume Fraction and Change in Hematocrit Level: MR Evaluation by Using T1 Mapping in an Experimental Model of Anemia. Radiology, 2018, 288, 93-98.	7.3	13
122	Applying Data-driven Imaging Biomarker in Mammography for Breast Cancer Screening: Preliminary Study. Scientific Reports, 2018, 8, 2762.	3.3	65
123	Risk of Primary Spontaneous Pneumothorax According to Chest Configuration. Thoracic and Cardiovascular Surgeon, 2018, 66, 583-588.	1.0	7
124	Utility of Dual-Energy CT-based Monochromatic Imaging in the Assessment of Myocardial Delayed Enhancement in Patients with Cardiomyopathy. Radiology, 2018, 287, 442-451.	7.3	37
125	LOGIS (LOcalization of Ground-glass-opacity and pulmonary lesions for mlnimal Surgery) registry: Design and Rationale. Contemporary Clinical Trials Communications, 2018, 9, 60-63.	1.1	1
126	Validation of the 2015 American Thyroid Association Management Guidelines for Thyroid Nodules With Benign Cytologic Findings in the Era of the Bethesda System. American Journal of Roentgenology, 2018, 210, 629-634.	2.2	6

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127	Methodologic Guide for Evaluating Clinical Performance and Effect of Artificial Intelligence Technology for Medical Diagnosis and Prediction. Radiology, 2018, 286, 800-809.	7.3	549
128	Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation of <i>IDH1</i> Hutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. American Journal of Neuroradiology, 2018, 39, 693-698.	2.4	56
129	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. European Radiology, 2018, 28, 331-339.	4.5	43
130	Morphologic analysis with computed tomography may help differentiate fat-poor angiomyolipoma from renal cell carcinoma: a retrospective study with 602 patients. Abdominal Radiology, 2018, 43, 647-654.	2.1	23
131	Adverse Prognostic CT Findings for Patients With Advanced Lung Adenocarcinoma Receiving First-Line Epidermal Growth Factor Receptor–Tyrosine Kinase Inhibitor Therapy. American Journal of Roentgenology, 2018, 210, 43-51.	2.2	3
132	Performance of shear-wave elastography for breast masses using different region-of-interest (ROI) settings. Acta Radiologica, 2018, 59, 789-797.	1.1	13
133	Accuracy of computed tomography for selecting the revascularization method based on SYNTAX score II. European Radiology, 2018, 28, 2151-2158.	4.5	6
134	Extracellular contrast agent-enhanced MRI: 15-min delayed phase may improve the diagnostic performance for hepatocellular carcinoma in patients with chronic liver disease. European Radiology, 2018, 28, 1551-1559.	4.5	17
135	Prediction of <i>IDH1 </i> Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. American Journal of Neuroradiology, 2018, 39, 37-42.	2.4	111
136	Quantitative Analysis of a Whole Cardiac Mass Using Dual-Energy Computed Tomography: Comparison with Conventional Computed Tomography and Magnetic Resonance Imaging. Scientific Reports, 2018, 8, 15334.	3.3	16
137	Non-inferior low-dose coronary computed tomography angiography image quality with knowledge-based iterative model reconstruction for overweight patients. PLoS ONE, 2018, 13, e0209243.	2.5	4
138	High versus low attenuation thresholds to determine the solid component of ground-glass opacity nodules. PLoS ONE, 2018, 13, e0205490.	2.5	3
139	Radiomics of US texture features in differential diagnosis between triple-negative breast cancer and fibroadenoma. Scientific Reports, 2018, 8, 13546.	3.3	78
140	Changes in Perioperative Systolic Blood Pressure in Percutaneous Renal Mass Cryoablation. CardioVascular and Interventional Radiology, 2018, 41, 291-297.	2.0	0
141	Nodule Classification on Low-Dose Unenhanced CT and Standard-Dose Enhanced CT: Inter-Protocol Agreement and Analysis of Interchangeability. Korean Journal of Radiology, 2018, 19, 516.	3.4	4
142	T2-weighted signal intensity-selected volumetry for prediction of pathological complete response after preoperative chemoradiotherapy in locally advanced rectal cancer. European Radiology, 2018, 28, 5231-5240.	4.5	22
143	Effectiveness of automatic tube potential selection with tube current modulation in coronary CT angiography for obese patients: Comparison with a body mass index-based protocol using the propensity score matching method. PLoS ONE, 2018, 13, e0190584.	2.5	6
144	Application of metabolomics in prediction of lymph node metastasis in papillary thyroid carcinoma. PLoS ONE, 2018, 13, e0193883.	2.5	18

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145	Magnetic Resonance Imaging for Colorectal Cancer Metastasis to the Liver: Comparative Effectiveness Research for the Choice of Contrast Agents. Cancer Research and Treatment, 2018, 50, 60-70.	3.0	8
146	Trends in statistical methods in articles published in Archives of Plastic Surgery between 2012 and 2017. Archives of Plastic Surgery, 2018, 45, 207-213.	0.9	3
147	Characterizing amide proton transfer imaging in haemorrhage brain lesions using 3T MRI. European Radiology, 2017, 27, 1577-1584.	4.5	21
148	Gadolinium deposition in the brain: association with various GBCAs using a generalized additive model. European Radiology, 2017, 27, 3353-3361.	4.5	29
149	MR Enterography Assessment of Bowel Inflammation Severity in Crohn Disease Using the MR Index of Activity Score: Modifying Roles of DWI and Effects of Contrast Phases. American Journal of Roentgenology, 2017, 208, 1022-1029.	2.2	35
150	1.5â€"2 cm tumor size was not associated with distant metastasis and mortality in small thyroid cancer: A population-based study. Scientific Reports, 2017, 7, 46298.	3.3	9
151	Contrast-enhanced US with Perfluorobutane(Sonazoid) used as a surveillance test for Hepatocellular Carcinoma (HCC) in Cirrhosis (SCAN): an exploratory cross-sectional study for a diagnostic trial. BMC Cancer, 2017, 17, 279.	2.6	13
152	Contrast-enhanced T1 mapping-based extracellular volume fraction independently predicts clinical outcome in patients with non-ischemic dilated cardiomyopathy: a prospective cohort study. European Radiology, 2017, 27, 3924-3933.	4.5	44
153	Feasibility of 3D navigatorâ€triggered magnetic resonance cholangiopancreatography with combined parallel imaging and compressed sensing reconstruction at 3T. Journal of Magnetic Resonance Imaging, 2017, 46, 1289-1297.	3.4	38
154	Use of Imaging to Predict Complete Response of Colorectal Liver Metastases after Chemotherapy: MR Imaging versus CT Imaging. Radiology, 2017, 284, 423-431.	7.3	31
155	The clinical significance of perivalvular pannus in prosthetic mitral valves: Can cardiac CT be helpful?. International Journal of Cardiology, 2017, 249, 344-348.	1.7	12
156	SYNTAX score based on coronary computed tomography angiography may have a prognostic value in patients with complex coronary artery disease. Medicine (United States), 2017, 96, e7999.	1.0	7
157	Acute Pulmonary Embolism: Retrospective Cohort Study of the Predictive Value of Perfusion Defect Volume Measured With Dual-Energy CT. American Journal of Roentgenology, 2017, 209, 1015-1022.	2.2	21
158	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
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