

Joon Koo Han

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

573
papers

16,095
citations

64
h-index

94
g-index

627
ext. papers

18,377
ext. citations

7.1
avg, IF

6.56
L-index

#	Paper	IF	Citations
573	Additional value of superb microvascular imaging of ultrasound examinations to evaluate focal liver lesions.. <i>European Journal of Radiology</i> , 2022 , 152, 110332	4.7	
572	Quantitative Assessment of Fatty Liver using Ultrasound with Normalized Local Variance Technique. <i>Ultraschall in Der Medizin</i> , 2021 , 42, 599-606	3.8	3
571	Noninvasive assessment of hepatic steatosis using a pathologic reference standard: comparison of CT, MRI, and US-based techniques. <i>Ultrasonography</i> , 2021 ,	4.3	2
570	Added value of [Ga]Ga-DOTA-TOC PET/CT for characterizing pancreatic neuroendocrine neoplasms: a comparison with contrast-enhanced CT and/or MRI in a large study cohort. <i>European Radiology</i> , 2021 , 31, 7734-7745	8	0
569	Prediction of residual tumor and overall survival after first-line surgery in patients with pancreatic ductal adenocarcinoma using preoperative magnetic resonance imaging findings. <i>Acta Radiologica</i> , 2021 , 284185121999998	2	0
568	Virtual noncontrast images derived from dual-energy CT for assessment of hepatic steatosis in living liver donors. <i>European Journal of Radiology</i> , 2021 , 139, 109687	4.7	1
567	Predictors of conversion surgery in patients with pancreatic cancer who underwent neoadjuvant or palliative FOLFIRINOX treatment using baseline and follow-up CT. <i>Abdominal Radiology</i> , 2021 , 46, 4765-4778	2	0
566	Development of a predictive model for extragastric recurrence after curative resection for early gastric cancer. <i>Gastric Cancer</i> , 2021 , 1	7.6	0
565	Accuracy of Two-Dimensional Shear Wave Elastography and Attenuation Imaging for Evaluation of Patients With Nonalcoholic Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2021 , 19, 797-805.e7	6.9	33
564	Assessment of malignant potential in intraductal papillary mucinous neoplasms of the pancreas using MR findings and texture analysis. <i>European Radiology</i> , 2021 , 31, 3394-3404	8	4
563	Prediction of tumor recurrence and poor survival of ampullary adenocarcinoma using preoperative clinical and CT findings. <i>European Radiology</i> , 2021 , 31, 2433-2443	8	1
562	Hepatobiliary phase of gadoxetic acid-enhanced MRI in patients with HCC: prognostic features before resection, ablation, or TACE. <i>European Radiology</i> , 2021 , 31, 3627-3637	8	2
561	Important CT and histopathological findings for recurrence and overall survival in patients with pancreatic ductal adenocarcinoma who underwent surgery after neoadjuvant FOLFIRINOX. <i>European Radiology</i> , 2021 , 31, 3616-3626	8	3
560	Intra-individual comparison of dual portal venous phases for non-invasive diagnosis of hepatocellular carcinoma at gadoxetic acid-enhanced liver MRI. <i>European Radiology</i> , 2021 , 31, 824-833	8	2
559	Reducing Pain by Artificial Ascites Infusion During Radiofrequency Ablation for Subcapsular Hepatocellular Carcinoma. <i>CardioVascular and Interventional Radiology</i> , 2021 , 44, 565-573	2.7	1
558	Role of Contrast-Enhanced Ultrasound as a Second-Line Diagnostic Modality in Noninvasive Diagnostic Algorithms for Hepatocellular Carcinoma. <i>Korean Journal of Radiology</i> , 2021 , 22, 354-365	6.9	10
557	2D shear wave elastography is better than transient elastography in predicting post-hepatectomy complication after resection. <i>European Radiology</i> , 2021 , 31, 5802-5811	8	1

556	Preoperative assessment of the resectability of pancreatic ductal adenocarcinoma on CT according to the NCCN Guidelines focusing on SMA/SMV branch invasion. <i>European Radiology</i> , 2021 , 31, 6889-6897	8	0
555	Effect of Different Iterative Reconstruction Algorithms on Ultra-Low Dose CT of Inflammatory Bowel Disease in a Rabbit Model. <i>Korean Journal of Abdominal Radiology</i> , 2021 , 5, 32-41		
554	Gadoxetate-enhanced MRI Features of Proliferative Hepatocellular Carcinoma Are Prognostic after Surgery. <i>Radiology</i> , 2021 , 300, 572-582	20.5	7
553	Superb microvascular imaging technology of ultrasound examinations for the evaluation of tumor vascularity in hepatic hemangiomas. <i>Ultrasonography</i> , 2021 , 40, 538-545	4.3	2
552	Tumor volume measured using MR volumetry as a predictor of prognosis after surgical resection of single hepatocellular carcinoma. <i>European Journal of Radiology</i> , 2021 , 144, 109962	4.7	1
551	Deep learning-based decision support system for the diagnosis of neoplastic gallbladder polyps on ultrasonography: Preliminary results. <i>Scientific Reports</i> , 2020 , 10, 7700	4.9	9
550	Differential and prognostic MRI features of gallbladder neuroendocrine tumors and adenocarcinomas. <i>European Radiology</i> , 2020 , 30, 2890-2901	8	7
549	Evaluation of a serum tumour marker-based recurrence prediction model after radiofrequency ablation for hepatocellular carcinoma. <i>Liver International</i> , 2020 , 40, 1189-1200	7.9	11
548	Application of computerized 3D-CT texture analysis of pancreas for the assessment of patients with diabetes. <i>PLoS ONE</i> , 2020 , 15, e0227492	3.7	5
547	Combined treatment of sorafenib and doxorubicin-loaded microbubble-albumin nanoparticle complex for hepatocellular carcinoma: A feasibility study. <i>PLoS ONE</i> , 2020 , 15, e0243815	3.7	3
546	Non-invasive monitoring of hepatic steatosis via acoustic structure quantification of ultrasonography with MR spectroscopy as the reference standard. <i>Ultrasonography</i> , 2020 , 39, 70-78	4.3	5
545	Prognostic Value of Tumor Regression Grade on MR in Rectal Cancer: A Large-Scale, Single-Center Experience. <i>Korean Journal of Radiology</i> , 2020 , 21, 1065-1076	6.9	8
544	Two-Dimensional-Shear Wave Elastography with a Propagation Map: Prospective Evaluation of Liver Fibrosis Using Histopathology as the Reference Standard. <i>Korean Journal of Radiology</i> , 2020 , 21, 1317-1325	6.9	5
543	Therapeutic response monitoring after targeted therapy in an orthotopic rat model of hepatocellular carcinoma using contrast-enhanced ultrasound: Focusing on inter-scanner, and inter-operator reproducibility. <i>PLoS ONE</i> , 2020 , 15, e0244304	3.7	
542	Portable ultrasound-guided high-intensity focused ultrasound with functions for safe and rapid ablation: prospective clinical trial for uterine fibroids-short-term and long-term results. <i>European Radiology</i> , 2020 , 30, 1554-1563	8	7
541	Multiparametric MRI and F-FDG PET features for differentiating gastrointestinal stromal tumors from benign gastric subepithelial lesions. <i>European Radiology</i> , 2020 , 30, 1634-1643	8	5
540	Contrast-enhanced US with Sulfur Hexafluoride and Perfluorobutane for the Diagnosis of Hepatocellular Carcinoma in Individuals with High Risk. <i>Radiology</i> , 2020 , 297, 108-116	20.5	9
539	Synergistic Effects of Pulsed Focused Ultrasound and a Doxorubicin-Loaded Microparticle-Microbubble Complex in a Pancreatic Cancer Xenograft Mouse Model. <i>Ultrasound in Medicine and Biology</i> , 2020 , 46, 3046-3058	3.5	1

538	Two-dimensional Shear Wave Elastography with Propagation Maps for the Assessment of Liver Fibrosis and Clinically Significant Portal Hypertension in Patients with Chronic Liver Disease: A Prospective Study. <i>Academic Radiology</i> , 2020 , 27, 798-806	4.3	9
537	Additional value of contrast-enhanced ultrasound (CEUS) on arterial phase non-hyperenhancement observations (D _{21m}) of CT/MRI for high-risk patients: focusing on the CT/MRI LI-RADS categories LR-3 and LR-4. <i>Abdominal Radiology</i> , 2020 , 45, 55-63	3	7
536	Prediction of liver regeneration in recipients after living-donor liver transplantation in using preoperative CT texture analysis and clinical features. <i>Abdominal Radiology</i> , 2020 , 45, 3763-3774	3	3
535	Shear-Wave Dispersion Slope from US Shear-Wave Elastography: Detection of Allograft Damage after Liver Transplantation. <i>Radiology</i> , 2019 , 293, 327-333	20.5	29
534	Value of virtual monochromatic spectral image of dual-layer spectral detector CT with noise reduction algorithm for image quality improvement in obese simulated body phantom. <i>BMC Medical Imaging</i> , 2019 , 19, 76	2.9	4
533	Assessment of hepatic steatosis by using attenuation imaging: a quantitative, easy-to-perform ultrasound technique. <i>European Radiology</i> , 2019 , 29, 6499-6507	8	52
532	Utilization of virtual non-contrast images derived from dual-energy CT in evaluation of biliary stone disease: Virtual non-contrast image can replace true non-contrast image regarding biliary stone detection. <i>European Journal of Radiology</i> , 2019 , 116, 34-40	4.7	8
531	Addition of Reliability Measurement Index to Point Shear Wave Elastography: Prospective Validation via Diagnostic Performance and Reproducibility. <i>Ultrasound in Medicine and Biology</i> , 2019 , 45, 1594-1602	3.5	3
530	Dynamic Contrast-Enhanced Ultrasound of Gastric Cancer: Correlation with Perfusion CT and Histopathology. <i>Korean Journal of Radiology</i> , 2019 , 20, 781-790	6.9	3
529	Prediction of Treatment Outcome of Chemotherapy Using Perfusion Computed Tomography in Patients with Unresectable Advanced Gastric Cancer. <i>Korean Journal of Radiology</i> , 2019 , 20, 589-598	6.9	2
528	Hepatocellular Carcinoma: Texture Analysis of Preoperative Computed Tomography Images Can Provide Markers of Tumor Grade and Disease-Free Survival. <i>Korean Journal of Radiology</i> , 2019 , 20, 569-579	6.9	24
527	MDCT findings predicting post-operative residual tumor and survival in patients with pancreatic cancer. <i>European Radiology</i> , 2019 , 29, 3714-3724	8	12
526	Comparison of monoexponential, intravoxel incoherent motion diffusion-weighted imaging and diffusion kurtosis imaging for assessment of hepatic fibrosis. <i>Acta Radiologica</i> , 2019 , 60, 1593-1601	2	8
525	Prospective Evaluation of Hepatic Steatosis Using Ultrasound Attenuation Imaging in Patients with Chronic Liver Disease with Magnetic Resonance Imaging Proton Density Fat Fraction as the Reference Standard. <i>Ultrasound in Medicine and Biology</i> , 2019 , 45, 1407-1416	3.5	35
524	Monitoring of impaired phagocytic function of Kupffer cells in an obstructive cholangitis rat model using superparamagnetic iron oxide MRI and contrast-enhanced ultrasound. <i>Acta Radiologica</i> , 2019 , 60, 407-414	2	
523	Quantitative contrast-enhanced US helps differentiating neoplastic vs non-neoplastic gallbladder polyps. <i>European Radiology</i> , 2019 , 29, 3772-3781	8	13
522	CT prediction of resectability and prognosis in patients with pancreatic ductal adenocarcinoma after neoadjuvant treatment using image findings and texture analysis. <i>European Radiology</i> , 2019 , 29, 362-372	8	31
521	Combined application of virtual monoenergetic high keV images and the orthopedic metal artifact reduction algorithm (O-MAR): effect on image quality. <i>Abdominal Radiology</i> , 2019 , 44, 756-765	3	6

520	Added Value of sequentially performed gadoteric acid-enhanced liver MRI for the diagnosis of small (10-19 mm) or atypical hepatic observations at contrast-enhanced CT: A prospective comparison. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 574-587	5.6	11
519	Preoperative CT findings for prediction of resectability in patients with gallbladder cancer. <i>European Radiology</i> , 2019 , 29, 6458-6468	8	7
518	Usefulness of contrast-enhanced ultrasound using perfluorobutanecontaining microbubbles as a planning for percutaneous biopsies of focal hepatic lesions: a prospective feasibility study. <i>Medical Ultrasonography</i> , 2019 , 21, 109-116	1.4	3
517	Microvascular Flow Imaging of Residual or Recurrent Hepatocellular Carcinoma after Transarterial Chemoembolization: Comparison with Color/Power Doppler Imaging. <i>Korean Journal of Radiology</i> , 2019 , 20, 1114-1123	6.9	10
516	Quantitative Evaluation of Hepatic Steatosis Using Normalized Local Variance in a Rat Model: Comparison with Histopathology as the Reference Standard. <i>Korean Journal of Radiology</i> , 2019 , 20, 1399-1407 ²	6.9	10
515	Personalized 3D-Printed Transparent Liver Model Using the Hepatobiliary Phase MRI: Usefulness in the Lesion-by-Lesion Imaging-Pathologic Matching of Focal Liver Lesions-Preliminary Results. <i>Investigative Radiology</i> , 2019 , 54, 138-145	10.1	4
514	CT reconstruction algorithms affect histogram and texture analysis: evidence for liver parenchyma, focal solid liver lesions, and renal cysts. <i>European Radiology</i> , 2019 , 29, 4008-4015	8	13
513	Non-hypervascular hepatobiliary phase hypointense nodules on gadoteric acid-enhanced MR can help determine the treatment method for HCC. <i>European Radiology</i> , 2019 , 29, 3122-3131	8	10
512	Prediction of liver remnant regeneration after living donor liver transplantation using preoperative CT texture analysis. <i>Abdominal Radiology</i> , 2019 , 44, 1785-1794	3	4
511	Prognostic value of MRI in assessing extramural venous invasion in rectal cancer: multi-readersN diagnostic performance. <i>European Radiology</i> , 2019 , 29, 4379-4388	8	24
510	Quantitative Assessment of Liver Function by Using Gadoteric Acid-enhanced MRI: Hepatocyte Uptake Ratio. <i>Radiology</i> , 2019 , 290, 125-133	20.5	36
509	Hepatocellular carcinoma: preoperative gadoteric acid-enhanced MR imaging can predict early recurrence after curative resection using image features and texture analysis. <i>Abdominal Radiology</i> , 2019 , 44, 539-548	3	39
508	Retrospective validation of a new diagnostic criterion for hepatocellular carcinoma on gadoteric acid-enhanced MRI: can hypointensity on the hepatobiliary phase be used as an alternative to washout with the aid of ancillary features?. <i>European Radiology</i> , 2019 , 29, 1724-1732	8	53
507	Prognostic Role of Liver Stiffness Measurements Using Magnetic Resonance Elastography in Patients with Compensated Chronic Liver Disease. <i>European Radiology</i> , 2018 , 28, 3513-3521	8	19
506	Additional value of contrast-enhanced ultrasonography for fusion-guided, percutaneous biopsies of focal liver lesions: prospective feasibility study. <i>Abdominal Radiology</i> , 2018 , 43, 3279-3287	3	10
505	Liver Stiffness Measured by Two-Dimensional Shear-Wave Elastography: Prognostic Value after Radiofrequency Ablation for Hepatocellular Carcinoma. <i>Liver Cancer</i> , 2018 , 7, 65-75	9.1	17
504	Clinical utility of real-time ultrasound-multimodality fusion guidance for percutaneous biopsy of focal liver lesions. <i>European Journal of Radiology</i> , 2018 , 103, 76-83	4.7	11
503	CT diagnosis of gallbladder adenomyomatosis: importance of enhancing mucosal epithelium, the "cotton ball sign". <i>European Radiology</i> , 2018 , 28, 3573-3582	8	10

502	Magnetic resonance with diffusion-weighted imaging improves assessment of focal liver lesions in patients with potentially resectable pancreatic cancer on CT. <i>European Radiology</i> , 2018 , 28, 3484-3493	8	28
501	Transabdominal Ultrasound Detection of Pancreatic Cysts Incidentally Detected at CT, MRI, or Endoscopic Ultrasound. <i>American Journal of Roentgenology</i> , 2018 , 210, 518-525	5.4	11
500	Virtual monoenergetic dual-layer, dual-energy CT enterography: optimization of keV settings and its added value for Crohn's disease. <i>European Radiology</i> , 2018 , 28, 2525-2534	8	23
499	Gastrointestinal tract complications after hepatic radiofrequency ablation: CT prediction for major complications. <i>Abdominal Radiology</i> , 2018 , 43, 583-592	3	6
498	Risk stratification of gallbladder polyps larger than 10 mm using high-resolution ultrasonography and texture analysis. <i>European Radiology</i> , 2018 , 28, 196-205	8	16
497	Non-invasive monitoring of the therapeutic response in sorafenib-treated hepatocellular carcinoma based on photoacoustic imaging. <i>European Radiology</i> , 2018 , 28, 372-381	8	12
496	Role of CT in Differentiating Malignant Focal Splenic Lesions. <i>Korean Journal of Radiology</i> , 2018 , 19, 930-937	4.7	5
495	Magnetic resonance elastography of healthy livers at 3.0 T: Normal liver stiffness measured by SE-EPI and GRE. <i>European Journal of Radiology</i> , 2018 , 107, 46-53	4.7	8
494	Comparison of switching bipolar ablation with multiple cooled wet electrodes and switching monopolar ablation with separable clustered electrode in treatment of small hepatocellular carcinoma: A randomized controlled trial. <i>PLoS ONE</i> , 2018 , 13, e0192173	3.7	11
493	A portable high-intensity focused ultrasound system for the pancreas with 3D electronic steering: a preclinical study in a swine model. <i>Ultrasonography</i> , 2018 , 37, 298-306	4.3	6
492	Intrahepatic Mass-Forming Cholangiocarcinoma: Relationship Between Computed Tomography Characteristics and Histological Subtypes. <i>Journal of Computer Assisted Tomography</i> , 2018 , 42, 340-349	2.2	7
491	Pancreatic neuroendocrine tumor: prediction of the tumor grade using CT findings and computerized texture analysis. <i>Acta Radiologica</i> , 2018 , 59, 383-392	2	67
490	CT Perfusion evaluation of gastric cancer: correlation with histologic type. <i>European Radiology</i> , 2018 , 28, 487-495	8	7
489	Huge and recurrent undifferentiated carcinoma with osteoclast-like giant cells of the pancreas. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 457-460	3.6	8
488	Alteration of MRP2 expression and the graft outcome after liver transplantation. <i>Annals of Surgical Treatment and Research</i> , 2018 , 95, 249-257	2	1
487	Iodine Quantification on Spectral Detector-Based Dual-Energy CT Enterography: Correlation with Crohn's Disease Activity Index and External Validation. <i>Korean Journal of Radiology</i> , 2018 , 19, 1077-1088	6.9	17
486	Prediction of Local Tumor Progression after Radiofrequency Ablation (RFA) of Hepatocellular Carcinoma by Assessment of Ablative Margin Using Pre-RFA MRI and Post-RFA CT Registration. <i>Korean Journal of Radiology</i> , 2018 , 19, 1053-1065	6.9	11
485	Can quantitative iodine parameters on DECT replace perfusion CT parameters in colorectal cancers?. <i>European Radiology</i> , 2018 , 28, 4775-4782	8	10

484	Local or extragastric recurrence after incomplete endoscopic submucosal dissection of early gastric cancer: risk factors and the role of CT. <i>Abdominal Radiology</i> , 2018 , 43, 3250-3259	3	0
483	Sub-millisievert CT colonography: effect of knowledge-based iterative reconstruction on the detection of colonic polyps. <i>European Radiology</i> , 2018 , 28, 5258-5266	8	6
482	Additional values of high-resolution gadoxetic acid-enhanced MR cholangiography for evaluating the biliary anatomy of living liver donors: Comparison with T-weighted MR cholangiography and conventional gadoxetic acid-enhanced MR cholangiography. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 47, 152-159	5.6	8
481	Nonhypervascular Pancreatic Neuroendocrine Tumors: Differential Diagnosis from Pancreatic Ductal Adenocarcinomas at MR Imaging-Retrospective Cross-sectional Study. <i>Radiology</i> , 2017 , 284, 77-87	20.5	59
480	Diagnostic performance and imaging features for predicting the malignant potential of intraductal papillary mucinous neoplasm of the pancreas: a comparison of EUS, contrast-enhanced CT and MRI. <i>Abdominal Radiology</i> , 2017 , 42, 1449-1458	3	31
479	Poorly-differentiated colorectal neuroendocrine tumour: CT differentiation from well-differentiated neuroendocrine tumour and poorly-differentiated adenocarcinomas. <i>European Radiology</i> , 2017 , 27, 3867-3876	8	3
478	Evaluation of Hepatic Steatosis by Using Acoustic Structure Quantification US in a Rat Model: Comparison with Pathologic Examination and MR Spectroscopy. <i>Radiology</i> , 2017 , 285, 445-453	20.5	17
477	Diagnostic Performance of Gadoxetic Acid-enhanced Liver MR Imaging versus Multidetector CT in the Detection of Dysplastic Nodules and Early Hepatocellular Carcinoma. <i>Radiology</i> , 2017 , 285, 134-146	20.5	54
476	Outcome and CT differentiation of gallbladder neuroendocrine tumours from adenocarcinomas. <i>European Radiology</i> , 2017 , 27, 507-517	8	12
475	Value of MR elastography for the preoperative estimation of liver regeneration capacity in patients with hepatocellular carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 1627-1636	5.6	11
474	Imaging Monitoring of Kupffer Cell Function and Hepatic Oxygen Saturation in Preneoplastic Changes During Cholangiocarcinogenesis. <i>Scientific Reports</i> , 2017 , 7, 14203	4.9	4
473	Human Epidermal Growth Factor Receptor 2 Expression in Unresectable Gastric Cancers: Relationship with CT Characteristics. <i>Korean Journal of Radiology</i> , 2017 , 18, 809-820	6.9	8
472	CT volumetric measurement of colorectal cancer helps predict tumor staging and prognosis. <i>PLoS ONE</i> , 2017 , 12, e0178522	3.7	5
471	Diagnostic accuracy of gadoxetic acid-enhanced MR for small hypervascular hepatocellular carcinoma and the concordance rate of Liver Imaging Reporting and Data System (LI-RADS). <i>PLoS ONE</i> , 2017 , 12, e0178495	3.7	4
470	No-Touch Radiofrequency Ablation: A Comparison of Switching Bipolar and Switching Monopolar Ablation in Bovine Liver. <i>Korean Journal of Radiology</i> , 2017 , 18, 279-288	6.9	17
469	Percutaneous Dual-Switching Monopolar Radiofrequency Ablation Using a Separable Clustered Electrode: A Preliminary Study. <i>Korean Journal of Radiology</i> , 2017 , 18, 799-808	6.9	10
468	Isolated Main Pancreatic Duct Dilatation: CT Differentiation Between Benign and Malignant Causes. <i>American Journal of Roentgenology</i> , 2017 , 209, 1046-1055	5.4	17
467	Diagnostic accuracy of transabdominal high-resolution US for staging gallbladder cancer and differential diagnosis of neoplastic polyps compared with EUS. <i>European Radiology</i> , 2017 , 27, 3097-3103	8	17

466	In-vivo monitoring of development of cholangiocarcinoma induced with <i>C. sinensis</i> and N-nitrosodimethylamine in Syrian golden hamsters using ultrasonography and magnetic resonance imaging: a preliminary study. <i>European Radiology</i> , 2017 , 27, 1740-1747	8	1
465	Hepatic stiffness measurement by using MR elastography: prognostic values after hepatic resection for hepatocellular carcinoma. <i>European Radiology</i> , 2017 , 27, 1713-1721	8	31
464	Liver imaging reporting and data system v2014 categorization of hepatocellular carcinoma on gadoteric acid-enhanced MRI: Comparison with multiphase multidetector computed tomography. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 731-740	5.6	45
463	Real-time US-CT/MR fusion imaging for percutaneous radiofrequency ablation of hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2017 , 66, 347-354	13.4	68
462	Quantitative Liver Function Analysis: Volumetric T1 Mapping with Fast Multisection B Inhomogeneity Correction in Hepatocyte-specific Contrast-enhanced Liver MR Imaging. <i>Radiology</i> , 2017 , 282, 408-417	20.5	48
461	Fate of small pancreatic cysts (. <i>European Radiology</i> , 2017 , 27, 2591-2599	8	12
460	Thermal Injury-induced Hepatic Parenchymal Hypoperfusion: Risk of Hepatocellular Carcinoma Recurrence after Radiofrequency Ablation. <i>Radiology</i> , 2017 , 282, 880-891	20.5	12
459	Photoacoustic Imaging for Differential Diagnosis of Benign Polyps versus Malignant Polyps of the Gallbladder: A Preliminary Study. <i>Korean Journal of Radiology</i> , 2017 , 18, 821-827	6.9	6
458	Prospective Validation of Intra- and Interobserver Reproducibility of a New Point Shear Wave Elastographic Technique for Assessing Liver Stiffness in Patients with Chronic Liver Disease. <i>Korean Journal of Radiology</i> , 2017 , 18, 926-935	6.9	16
457	T2 Mapping from Multi-Echo Dixon Sequence on Gadoteric Acid-Enhanced Magnetic Resonance Imaging for the Hepatic Fat Quantification: Can It Be Used for Hepatic Function Assessment?. <i>Korean Journal of Radiology</i> , 2017 , 18, 682-690	6.9	5
456	No-touch radiofrequency ablation using multiple electrodes: An in vivo comparison study of switching monopolar versus switching bipolar modes in porcine livers. <i>PLoS ONE</i> , 2017 , 12, e0176350	3.7	16
455	Therapeutic response assessment using 3D ultrasound for hepatic metastasis from colorectal cancer: Application of a personalized, 3D-printed tumor model using CT images. <i>PLoS ONE</i> , 2017 , 12, e0182596	3.7	11
454	Quantitative assessment of hepatic function: modified look-locker inversion recovery (MOLLI) sequence for T1 mapping on Gd-EOB-DTPA-enhanced liver MR imaging. <i>European Radiology</i> , 2016 , 26, 1775-82	8	56
453	Hepatic Steatosis: Assessment with Acoustic Structure Quantification of US Imaging. <i>Radiology</i> , 2016 , 278, 257-64	20.5	50
452	Early Gastric Cancers: Is CT Surveillance Necessary after Curative Endoscopic Submucosal Resection for Cancers That Meet the Expanded Criteria?. <i>Radiology</i> , 2016 , 281, 444-453	20.5	9
451	Multiparametric fully-integrated 18-FDG PET/MRI of advanced gastric cancer for prediction of chemotherapy response: a preliminary study. <i>European Radiology</i> , 2016 , 26, 2771-8	8	26
450	Diffusion-Related MRI Parameters for Assessing Early Treatment Response of Liver Metastases to Cytotoxic Therapy in Colorectal Cancer. <i>American Journal of Roentgenology</i> , 2016 , 207, W26-32	5.4	24
449	One-mSv CT colonography: Effect of different iterative reconstruction algorithms on radiologists' performance. <i>European Journal of Radiology</i> , 2016 , 85, 641-8	4.7	7

448	Portal Vein Thrombosis in Patients with Hepatocellular Carcinoma: Diagnostic Accuracy of Gadoteric Acid-enhanced MR Imaging. <i>Radiology</i> , 2016 , 279, 773-83	20.5	21
447	Differentiation of intrahepatic mass-forming cholangiocarcinoma from hepatocellular carcinoma on gadoteric acid-enhanced liver MR imaging. <i>European Radiology</i> , 2016 , 26, 1808-17	8	59
446	Radiofrequency Ablation with an Internally Cooled Monopolar Directional Electrode: Ex Vivo and in Vivo Experimental Studies in the Liver. <i>Radiology</i> , 2016 , 278, 395-404	20.5	9
445	Comparison between 18F-FDG PET/MRI and MDCT for the assessment of preoperative staging and resectability of gastric cancer. <i>European Journal of Radiology</i> , 2016 , 85, 1085-91	4.7	22
444	Liver Fibrosis Staging with MR Elastography: Comparison of Diagnostic Performance between Patients with Chronic Hepatitis B and Those with Other Etiologic Causes. <i>Radiology</i> , 2016 , 280, 88-97	20.5	44
443	Long-Term Efficacy of Percutaneous Internal Plastic Stent Placement for Non-anastomotic Biliary Stenosis After Liver Transplantation. <i>CardioVascular and Interventional Radiology</i> , 2016 , 39, 909-15	2.7	3
442	Usefulness of hydrogel-CT for detecting and staging of rectosigmoid colon cancer. <i>European Journal of Radiology</i> , 2016 , 85, 1020-6	4.7	2
441	Pancreatic Steatosis and Fibrosis: Quantitative Assessment with Preoperative Multiparametric MR Imaging. <i>Radiology</i> , 2016 , 279, 140-50	20.5	64
440	Assessment of Malignant Potential in Intraductal Papillary Mucinous Neoplasms of the Pancreas: Comparison between Multidetector CT and MR Imaging with MR Cholangiopancreatography. <i>Radiology</i> , 2016 , 279, 128-39	20.5	37
439	Monitoring Vascular Disrupting Therapy in a Rabbit Liver Tumor Model: Relationship between Tumor Perfusion Parameters at IVIM Diffusion-weighted MR Imaging and Those at Dynamic Contrast-enhanced MR Imaging. <i>Radiology</i> , 2016 , 278, 104-13	20.5	33
438	Pancreatic neuroendocrine tumour (PNET): Staging accuracy of MDCT and its diagnostic performance for the differentiation of PNET with uncommon CT findings from pancreatic adenocarcinoma. <i>European Radiology</i> , 2016 , 26, 1338-47	8	53
437	Switching Monopolar Radiofrequency Ablation Using a Separable Cluster Electrode in Patients with Hepatocellular Carcinoma: A Prospective Study. <i>PLoS ONE</i> , 2016 , 11, e0161980	3.7	10
436	Presumptive case of sparganosis manifesting as a hepatic mass: A case report and literature review. <i>World Journal of Radiology</i> , 2016 , 8, 846-850	2.9	2
435	Efficacy of Retrievable Metallic Stent with Fixation String for Benign Stricture after Upper Gastrointestinal Surgery. <i>Korean Journal of Radiology</i> , 2016 , 17, 893-902	6.9	
434	Prospective Comparison of Liver Stiffness Measurements between Two Point Shear Wave Elastography Methods: Virtual Touch Quantification and Elastography Point Quantification. <i>Korean Journal of Radiology</i> , 2016 , 17, 750-7	6.9	18
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