Sang Min Lee

List of Publications by Year
in descending order

53 papers	961 citations	471509 17 h-index	477307 29 g-index
56 all docs	56 docs citations	56 times ranked	1454 citing authors

#	Article	IF	Citations
1	Real-time US-CT/MR fusion imaging for percutaneous radiofrequency ablation of hepatocellular carcinoma. Journal of Hepatology, 2017, 66, 347-354.	3.7	103
2	Combined hepatocellular cholangiocarcinoma: LI-RADS v2017 categorisation for differential diagnosis and prognostication on gadoxetic acid-enhanced MR imaging. European Radiology, 2019, 29, 373-382.	4.5	89
3	Diagnostic accuracy of liver imaging reporting and data system (LIâ€RADS) v2014 for intrahepatic massâ€forming cholangiocarcinomas in patients with chronic liver disease on gadoxetic acidâ€enhanced MRI. Journal of Magnetic Resonance Imaging, 2016, 44, 1330-1338.	3.4	67
4	Clinical Feasibility of 3-Dimensional Magnetic Resonance Cholangiopancreatography Using Compressed Sensing. Investigative Radiology, 2017, 52, 612-619.	6.2	66
5	LI-RADS Version 2017 versus Version 2018: Diagnosis of Hepatocellular Carcinoma on Gadoxetate Disodiumâ€“enhanced MRI. Radiology, 2019, 292, 655-663.	7.3	55
6	Preoperative CT Classification of the Resectability of Pancreatic Cancer: Interobserver Agreement. Radiology, 2019, 293, 343-349.	7.3	46
7	Virtual monoenergetic dual-layer, dual-energy CT enterography: optimization of keV settings and its added value for Crohnâ€™s disease. European Radiology, 2018, 28, 2525-2534.	4.5	39
8	Isolated Main Pancreatic Duct Dilatation: CT Differentiation Between Benign and Malignant Causes. American Journal of Roentgenology, 2017, 209, 1046-1055.	2.2	33
9	GRASE Revisited: breath-hold three-dimensional (3D) magnetic resonance cholangiopancreatography using a Gradient and Spin Echo (GRASE) technique at 3T. European Radiology, 2018, 28, 3721-3728.	4.5	32
10	High Acceleration Three-Dimensional T1-Weighted Dual Echo Dixon Hepatobiliary Phase Imaging Using Compressed Sensing-Sensitivity Encoding: Comparison of Image Quality and Solid Lesion Detectability with the Standard T1-Weighted Sequence. Korean Journal of Radiology, 2019, 20, 438.	3.4	32
11	Liver fibrosis staging with a new 2D-shear wave elastography using comb-push technique: Applicability, reproducibility, and diagnostic performance. PLoS ONE, 2017, 12, e0177264.	2.5	31
12	Double Low-Dose Dual-Energy Liver CT in Patients at High-Risk of HCC. Investigative Radiology, 2020, 55, 340-348.	6.2	28
13	No-Touch Radiofrequency Ablation: A Comparison of Switching Bipolar and Switching Monopolar Ablation inEx VivoBovine Liver. Korean Journal of Radiology, 2017, 18, 279.	3.4	25
14	Procalcitonin-Guided Treatment on Duration of Antibiotic Therapy and Cost in Septic Patients (PRODA): a Multi-Center Randomized Controlled Trial. Journal of Korean Medical Science, 2019, 34, e110.	2.5	22
15	CT reconstruction algorithms affect histogram and texture analysis: evidence for liver parenchyma, focal solid liver lesions, and renal cysts. European Radiology, 2019, 29, 4008-4015.	4.5	22
16	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. Korean Journal of Radiology, 2017, 18, 926.	3.4	21
17	No-touch radiofrequency ablation using multiple electrodes: An in vivo comparison study of switching monopolar versus switching bipolar modes in porcine livers. PLoS ONE, 2017, 12, e0176350.	2.5	20
18	Adaptive 4D Volume Perfusion CT of Lung Cancer: Effects of Computerized Motion Correction and the Range of Volume Coverage on Measurement Reproducibility. American Journal of Roentgenology, 2013, 200, W603-W609.	2.2	16

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19	CT diagnosis of gallbladder adenomyomatosis: importance of enhancing mucosal epithelium, the â€œcotton ball signâ€• European Radiology, 2018, 28, 3573-3582.	4.5	16
20	Measurement of Pancreatic Fat Fraction by CT Histogram Analysis to Predict Pancreatic Fistula after Pancreaticoduodenectomy. Korean Journal of Radiology, 2019, 20, 599.	3.4	16
21	Comparison of four different Shear Wave Elastography platforms according to abdominal wall thickness in liver fibrosis evaluation: a phantom study. Medical Ultrasonography, 2019, 21, 22.	0.8	15
22	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. BMC Medical Imaging, 2019, 19, 76.	2.7	14
23	Additional value of contrast-enhanced ultrasonography for fusion-guided, percutaneous biopsies of focal liver lesions: prospective feasibility study. Abdominal Radiology, 2018, 43, 3279-3287.	2.1	13
24	Clinical utility of real-time ultrasound-multimodality fusion guidance for percutaneous biopsy of focal liver lesions. European Journal of Radiology, 2018, 103, 76-83.	2.6	13
25	New classification of adenocarcinoma: what radiologists need to know. Diagnostic and Interventional Radiology, 2012, 18, 519-26.	1.5	13
26	Diagnostic Performance of 2018 KLCA-NCC Practice Guideline for Hepatocellular Carcinoma on Gadoxetic Acid-Enhanced MRI in Patients with Chronic Hepatitis B or Cirrhosis: Comparison with LI-RADS Version 2018. Korean Journal of Radiology, 2021, 22, 1066.	3.4	12
27	Comparison of point and 2-dimensional shear wave elastography for the evaluation of liver fibrosis. Ultrasonography, 2020, 39, 288-297.	2.3	11
28	Analysis of Fifty Hotspot Mutations of Lung Squamous Cell Carcinoma in Never-smokers. Journal of Korean Medical Science, 2017, 32, 415.	2.5	8
29	CT volumetric measurement of colorectal cancer helps predict tumor staging and prognosis. PLoS ONE, 2017, 12, e0178522.	2.5	8
30	Impact of respiratory motion on liver stiffness measurements according to different shear wave elastography techniques and region of interest methods: a phantom study. Ultrasonography, 2021, 40, 103-114.	2.3	8
31	T2* Mapping from Multi-Echo Dixon Sequence on Gadoxetic Acid-Enhanced Magnetic Resonance Imaging for the Hepatic Fat Quantification: Can It Be Used for Hepatic Function Assessment?. Korean Journal of Radiology, 2017, 18, 682.	3.4	7
32	Performance of LI-RADS Version 2018 on CT for Determining Eligibility for Liver Transplant According to Milan Criteria in Patients at High Risk for Hepatocellular Carcinoma. American Journal of Roentgenology, 2022, 219, 86-96.	2.2	7
33	A pictorial review on clinicopathologic and radiologic features of duodenal gastrointestinal stromal tumors. Diagnostic and Interventional Radiology, 2020, 26, 277-283.	1.5	6
34	Comparisons between image quality and diagnostic performance of 2D- and breath-hold 3D magnetic resonance cholangiopancreatography at 3T. European Radiology, 2021, 31, 8399-8407.	4.5	6
35	Prolonged Extracorporeal Lung Heart Assist (Extracorporeal Membrane Oxygenation) - 4 cases report. Daehan Macwi'gwa Haghoeji, 1992, 25, 424.	0.2	6
36	Systematic review and meta-analysis of MRI features for differentiating autoimmune pancreatitis from pancreatic adenocarcinoma. European Radiology, 2022, 32, 6691-6701.	4.5	6

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37	Prediction of Treatment Outcome of Chemotherapy Using Perfusion Computed Tomography in Patients with Unresectable Advanced Gastric Cancer. Korean Journal of Radiology, 2019, 20, 589.	3.4	4
38	Usefulness of contrast-enhanced ultrasound using perfluorobutanecontaining microbubbles as a planning for percutaneous biopsies of focal hepatic lesions: a prospective feasibility study. Medical Ultrasonography, 2019, 21, 109.	0.8	4
39	Enhancement parameters of contrast-enhanced computed tomography for pancreatic ductal adenocarcinoma: Correlation with pathologic grading. World Journal of Gastroenterology, 2020, 26, 4151-4158.	3.3	4
40	Gastrointestinal stromal tumours: Preoperative imaging features to predict recurrence after curative resection. European Journal of Radiology, 2022, 149, 110193.	2.6	4
41	Computed Tomography Findings Associated with Treatment Failure after Antibiotic Therapy for Acute Appendicitis. Korean Journal of Radiology, 2021, 22, 63.	3.4	3
42	Pulmonary Histoplasmosis Identified by Video-Assisted Thoracic Surgery (VATS) Biopsy: a Case Report. Journal of Korean Medical Science, 2018, 33, e15.	2.5	2
43	New formulas to predict the length of a peripherally inserted central catheter based on anteroposterior chest radiographs. Journal of Vascular Access, 2021, , 112972982110011.	0.9	2
44	Accelerated Pancreatobiliary <scp>MRI</scp> for Pancreatic Cancer Surveillance in Patients With Pancreatic Cystic Neoplasms. Journal of Magnetic Resonance Imaging, 2022, 56, 1757-1768.	3.4	2
45	Diagnostic Accuracy of Computed Tomography and Magnetic Resonance Imaging Obtained after Neoadjuvant Chemoradiotherapy in Predicting the Local Tumor Stage and Circumferential Resection Margin Status of Rectal Cancer. Journal of the Korean Society of Radiology, 2014, 70, 123.	0.2	1
46	Snoring during Bronchoscopy with Moderate Sedation Is a Predictor of Obstructive Sleep Apnea. Tuberculosis and Respiratory Diseases, 2019, 82, 335.	1.8	1
47	Diagnostic Performance of 2-D Shear Wave Elastography on the Evaluation of Hepatic Fibrosis with Emphasis on Impact of the Different Region-of-Interest Methods. Ultrasound in Medicine and Biology, 2022, 48, 198-208.	1.5	1
48	Comparison of diagnostic accuracy of 2D and 3D measurements to determine opportunistic screening of osteoporosis using the proximal femur on abdomen-pelvic CT. PLoS ONE, 2022, 17, e0262025.	2.5	1
49	A Case of Diffuse Nodular Pulmonary Ossification. Tuberculosis and Respiratory Diseases, 1999, 46, 856.	0.2	0
50	Balloon Angioplasty in a Pediatric Renal Artery Occlusion. Journal of the Korean Society of Radiology, 2018, 79, 332.	0.2	0
51	Rapid Response System Should Be Enhanced at Non-general Ward Locations: a Retrospective Multicenter Cohort Study in Korea. Journal of Korean Medical Science, 2021, 36, e7.	2.5	0
52	Non-Pathological Opacification of the Cavernous Sinus on Brain CT Angiography: Comparison with Flow-Related Signal Intensity on Time-of-Flight MR Angiography. Healthcare (Switzerland), 2021, 9, 94.	2.0	0
53	Localization of the Focal Gastric Lesion on Abdominal MDCT: The Importance of the Right and Left Gastric Arteries and Gastroepiploic Arteries. Journal of the Korean Radiological Society, 2008, 58, 391.	0.0	0