

Kyoung Ho Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/500371/publications.pdf>

Version: 2024-02-01

196
papers

5,273
citations

94433

37
h-index

114465

63
g-index

198
all docs

198
docs citations

198
times ranked

5995
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Dose Abdominal CT for Evaluating Suspected Appendicitis. New England Journal of Medicine, 2012, 366, 1596-1605.	27.0	260
2	Clonorchiasis and Cholangiocarcinoma: Etiologic Relationship and Imaging Diagnosis. Clinical Microbiology Reviews, 2004, 17, 540-552.	13.6	211
3	Unenhanced CT for Assessment of Macrovesicular Hepatic Steatosis in Living Liver Donors: Comparison of Visual Grading with Liver Attenuation Index. Radiology, 2007, 244, 479-485.	7.3	164
4	Android Fat Depot Is More Closely Associated with Metabolic Syndrome than Abdominal Visceral Fat in Elderly People. PLoS ONE, 2011, 6, e27694.	2.5	151
5	Quantitative Assessment of Pancreatic Fat by Using Unenhanced CT: Pathologic Correlation and Clinical Implications. Radiology, 2014, 271, 104-112.	7.3	139
6	Analysis of Gadobenate Dimeglumine-enhanced MR Findings for Characterizing Small (1-2-cm) Hepatic Nodules in Patients at High Risk for Hepatocellular Carcinoma. Radiology, 2011, 259, 730-738.	7.3	133
7	How to Demonstrate Similarity by Using Noninferiority and Equivalence Statistical Testing in Radiology Research. Radiology, 2013, 267, 328-338.	7.3	133
8	Peritoneal Metastasis: Detection with 16- or 64-Detector Row CT in Patients Undergoing Surgery for Gastric Cancer. Radiology, 2009, 253, 407-415.	7.3	131
9	Hepatic Arterioportal Shunts: Dynamic CT and MR Features. Korean Journal of Radiology, 2002, 3, 1.	3.4	110
10	Preoperative staging of gastric cancer by endoscopic ultrasonography and multidetector-row computed tomography. Journal of Gastroenterology and Hepatology (Australia), 2010, 25, 512-518.	2.8	109
11	Abdominal Amyloidosis: Spectrum of Radiological Findings. Clinical Radiology, 2003, 58, 610-620.	1.1	108
12	Differentiating Malignant from Benign Common Bile Duct Stricture with Multiphasic Helical CT. Radiology, 2005, 236, 178-183.	7.3	107
13	Intussusception in Adults: From Stomach to Rectum. American Journal of Roentgenology, 2004, 183, 691-698.	2.2	92
14	Neoadjuvant Chemoradiotherapy Affects the Indications for Lateral Pelvic Node Dissection in Mid/Low Rectal Cancer with Clinically Suspected Lateral Node Involvement: A Multicenter Retrospective Cohort Study. Annals of Surgical Oncology, 2014, 21, 2280-2287.	1.5	91
15	Systematic Review and Meta-Analysis of CT Features for Differentiating Complicated and Uncomplicated Appendicitis. Radiology, 2018, 287, 104-115.	7.3	91
16	Diagnosis of Acute Appendicitis With Sliding Slab Ray-Sum Interpretation of Low-Dose Unenhanced CT and Standard-Dose IV Contrast-Enhanced CT Scans. American Journal of Roentgenology, 2009, 193, 96-105.	2.2	78
17	Hepatic Macrosteatosis: Predicting Appropriateness of Liver Donation by Using MR Imaging-Correlation with Histopathologic Findings. Radiology, 2006, 240, 116-129.	7.3	71
18	Appropriateness of a Donor Liver with Respect to Macrosteatosis: Application of Artificial Neural Networks to US Images-Initial Experience. Radiology, 2005, 234, 793-803.	7.3	70

#	ARTICLE	IF	CITATIONS
19	Laparoscopic surgery for submucosal tumors located at the esophagogastric junction and the prepylorus. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 1980-1987.	2.4	67
20	Real-time contrast-enhanced ultrasound-guided biopsy of focal hepatic lesions not localised on B-mode ultrasound. <i>European Radiology</i> , 2010, 20, 2047-2056.	4.5	62
21	CT texture analysis in patients with locally advanced rectal cancer treated with neoadjuvant chemoradiotherapy: A potential imaging biomarker for treatment response and prognosis. <i>PLoS ONE</i> , 2017, 12, e0182883.	2.5	62
22	Appendiceal Diverticulitis. <i>Journal of Computer Assisted Tomography</i> , 2007, 31, 763-769.	0.9	61
23	Acute Appendicitis in Young Adults: Low- versus Standard-Radiation-Dose Contrast-enhanced Abdominal CT for Diagnosis. <i>Radiology</i> , 2011, 260, 437-445.	7.3	61
24	Hepatocellular nodules in liver cirrhosis: contrast-enhanced ultrasound. <i>Abdominal Imaging</i> , 2011, 36, 244-263.	2.0	58
25	A Comparative Experimental Study of the In-vitro Efficiency of Hypertonic Saline-Enhanced Hepatic Bipolar and Monopolar Radiofrequency Ablation. <i>Korean Journal of Radiology</i> , 2003, 4, 163.	3.4	56
26	Value of Contrast-Enhanced Sonography for the Characterization of Focal Hepatic Lesions in Patients with Diffuse Liver Disease: Receiver Operating Characteristic Analysis. <i>American Journal of Roentgenology</i> , 2005, 184, 1077-1084.	2.2	53
27	Afferent loop obstruction after gastric cancer surgery: helical CT findings. <i>Abdominal Imaging</i> , 2003, 28, 624-630.	2.0	49
28	Risk of Hematologic Malignant Neoplasms From Abdominopelvic Computed Tomographic Radiation in Patients Who Underwent Appendectomy. <i>JAMA Surgery</i> , 2021, 156, 343.	4.3	49
29	Postoperative Imaging of Esophageal Cancer: What Chest Radiologists Need to Know. <i>Radiographics</i> , 2007, 27, 409-429.	3.3	48
30	Staging of T3 and T4 Gastric Carcinoma with Multidetector CT: Added Value of Multiplanar Reformations for Prediction of Adjacent Organ Invasion. <i>Radiology</i> , 2009, 250, 767-775.	7.3	45
31	Clinical features and outcome of cryptogenic hepatocellular carcinoma compared to those of viral and alcoholic hepatocellular carcinoma. <i>BMC Cancer</i> , 2013, 13, 335.	2.6	45
32	Fluoroscopically Guided Placement of a Covered Self-Expandable Metallic Stent for Malignant Antroduodenal Obstructions. <i>American Journal of Roentgenology</i> , 2002, 178, 847-852.	2.2	44
33	Polyp Measurement Reliability, Accuracy, and Discrepancy: Optical Colonoscopy versus CT Colonography with Pig Colonic Specimens. <i>Radiology</i> , 2007, 244, 157-164.	7.3	44
34	Low-dose CT for the diagnosis of appendicitis in adolescents and young adults (LOCAT): a pragmatic, multicentre, randomised controlled non-inferiority trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 793-804.	8.1	44
35	CT Differentiation of Cholangiocarcinoma from Periductal Fibrosis in Patients with Hepatolithiasis. <i>American Journal of Roentgenology</i> , 2006, 187, 445-453.	2.2	43
36	Single-session Combined Therapy with Chemoembolization and Radiofrequency Ablation in Hepatocellular Carcinoma Less than or Equal to 5 cm: A Preliminary Study. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 1570-1577.	0.5	43

#	ARTICLE	IF	CITATIONS
37	Managing the CT Data Explosion: Initial Experiences of Archiving Volumetric Datasets in a Mini-PACS. <i>Journal of Digital Imaging</i> , 2005, 18, 188-195.	2.9	41
38	Osseous Metastasis from Renal Cell Carcinoma: "Flow-Void" Sign at MR Imaging. <i>Radiology</i> , 2003, 228, 629-634.	7.3	37
39	Irreversible JPEG 2000 compression of abdominal CT for primary interpretation: assessment of visually lossless threshold. <i>European Radiology</i> , 2007, 17, 1529-1534.	4.5	37
40	Laparoscopic Versus Open Resection Without Splenic Flexure Mobilization for the Treatment of Rectum and Sigmoid Cancer. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2009, 19, 62-68.	0.8	37
41	Nodular Hepatocellular Carcinoma: Variation of Tumor Conspicuity on Single-Level Dynamic Scan and Optimization of Fixed Delay Times for Two-Phase Helical CT. <i>Journal of Computer Assisted Tomography</i> , 2000, 24, 212-218.	0.9	36
42	JPEG 2000 Compression of Abdominal CT: Difference in Tolerance Between Thin- and Thick-Section Images. <i>American Journal of Roentgenology</i> , 2007, 189, 535-541.	2.2	35
43	Relationship between body mass index and the risk of early gastric cancer and dysplasia regardless of <i>Helicobacter pylori</i> infection. <i>Gastric Cancer</i> , 2015, 18, 762-773.	5.3	35
44	Hepatocellular Carcinoma. <i>Journal of Ultrasound in Medicine</i> , 2002, 21, 77-84.	1.7	34
45	Extended Field-of-View Sonography. <i>Journal of Ultrasound in Medicine</i> , 2003, 22, 385-394.	1.7	34
46	Palliation of anastomotic obstructions in recurrent gastric carcinoma with the use of covered metallic stents: clinical results in 25 patients. <i>Surgery</i> , 2004, 135, 171-177.	1.9	34
47	Screening CT Colonography in an Asymptomatic Average-Risk Asian Population: A 2-Year Experience in a Single Institution. <i>American Journal of Roentgenology</i> , 2008, 191, W100-W106.	2.2	34
48	Regional variance of visually lossless threshold in compressed chest CT images: Lung versus mediastinum and chest wall. <i>European Journal of Radiology</i> , 2009, 69, 483-488.	2.6	33
49	Vascular complications in lumbar spinal surgery: Percutaneous endovascular treatment. <i>CardioVascular and Interventional Radiology</i> , 2000, 23, 65-69.	2.0	32
50	Computed Tomography Diagnosis of Acute Appendicitis. <i>Investigative Radiology</i> , 2006, 41, 579-585.	6.2	32
51	Squalene aspiration pneumonia in children: radiographic and CT findings as the first clue to diagnosis. <i>Pediatric Radiology</i> , 2005, 35, 619-623.	2.0	31
52	Prevalence and risk factors of distal radius and calcaneus bone mineral density in Korean population. <i>Osteoporosis International</i> , 2004, 15, 639-44.	3.1	30
53	VX2 Carcinoma in Rabbits after Radiofrequency Ablation: Comparison of MR Contrast Agents for Help in Differentiating Benign Periablational Enhancement from Residual Tumor. <i>Radiology</i> , 2005, 234, 423-430.	7.3	30
54	Effects of laparoscopic versus open surgery on splenic vessel patency after spleen and splenic vessel-preserving distal pancreatectomy: a retrospective multicenter study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 583-588.	2.4	30

#	ARTICLE	IF	CITATIONS
55	Contrast-enhanced US with Perfluorobutane for Hepatocellular Carcinoma Surveillance: A Multicenter Diagnostic Trial (SCAN). <i>Radiology</i> , 2019, 292, 638-646.	7.3	30
56	Type-Specific Diagnosis and Evaluation of Longitudinal Tumor Extent of Borrmann Type IV Gastric Cancer: CT versus Gastroscopy. <i>Korean Journal of Radiology</i> , 2013, 14, 597.	3.4	29
57	Relationship Between Various Patterns of Transient Increased Hepatic Attenuation on CT and Portal Vein Thrombosis Related to Acute Cholecystitis. <i>American Journal of Roentgenology</i> , 2004, 183, 437-442.	2.2	28
58	Structured Reporting versus Free-Text Reporting for Appendiceal Computed Tomography in Adolescents and Young Adults: Preference Survey of 594 Referring Physicians, Surgeons, and Radiologists from 20 Hospitals. <i>Korean Journal of Radiology</i> , 2019, 20, 246.	3.4	28
59	Percutaneous Drainage of Postoperative Abdominal Abscess with Limited Accessibility: Preexisting Surgical Drains as Alternative Access Route. <i>Radiology</i> , 2006, 239, 591-598.	7.3	26
60	Colorectal Polyps on Portal Phase Contrast-Enhanced CT Colonography: Lesion Attenuation and Distinction from Tagged Feces. <i>American Journal of Roentgenology</i> , 2007, 189, 35-40.	2.2	26
61	The accuracy of emergency medicine and surgical residents in the diagnosis of acute appendicitis. <i>American Journal of Emergency Medicine</i> , 2010, 28, 766-770.	1.6	26
62	Computed Tomography Gastrography With Volume-rendering Technique: Correlation With Double-contrast Barium Study and Conventional Gastroscopy. <i>Journal of Computer Assisted Tomography</i> , 2003, 27, 140-149.	0.9	25
63	Artifacts in Slab Average-Intensity-Projection Images Reformatted from JPEG 2000 Compressed Thin-Section Abdominal CT Data Sets. <i>American Journal of Roentgenology</i> , 2008, 190, W342-W350.	2.2	25
64	Palliative Percutaneous Tube Enterostomy in Afferent-loop Syndrome Presenting as Jaundice: Clinical Effectiveness. <i>Journal of Vascular and Interventional Radiology</i> , 2002, 13, 845-849.	0.5	24
65	Adrenal Cortical Adenoma in Adrenohepatic Fusion Tissue: A Mimic of Malignant Hepatic Tumor at CT. <i>American Journal of Roentgenology</i> , 2007, 188, W246-W248.	2.2	24
66	Value of Four-dimensional Ultrasonography in Ultrasonographically Guided Biopsy of Hepatic Masses. <i>Journal of Ultrasound in Medicine</i> , 2003, 22, 215-220.	1.7	23
67	Gastrointestinal Stromal Tumors of the Duodenum: CT and Barium Study Findings. <i>American Journal of Roentgenology</i> , 2004, 183, 415-419.	2.2	23
68	Postbiopsy Splenic Bleeding in a Dog Model: Comparison of Cauterization, Embolization, and Plugging of the Needle Tract. <i>American Journal of Roentgenology</i> , 2005, 185, 878-884.	2.2	23
69	Prediction of Perceptible Artifacts in JPEG 2000 Compressed Chest CT Images Using Mathematical and Perceptual Quality Metrics. <i>American Journal of Roentgenology</i> , 2008, 190, 328-334.	2.2	23
70	Detection of the Normal Appendix with Low-Dose Unenhanced CT: Use of the Sliding Slab Averaging Technique. <i>Radiology</i> , 2009, 251, 780-787.	7.3	23
71	Leiomyomas in the gastric cardia: CT findings and differentiation from gastrointestinal stromal tumors. <i>European Journal of Radiology</i> , 2015, 84, 1694-1700.	2.6	23
72	Quality of life after sphincter preservation surgery or abdominoperineal resection for low rectal cancer (ASPIRE): A long-term prospective, multicentre, cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 6, 100087.	2.9	23

#	ARTICLE	IF	CITATIONS
73	CONSORT 2010 Statement: Updated guidelines for reporting parallel group randomised trials. <i>Epidemiology and Health</i> , 2014, 36, e2014029.	1.9	23
74	Prediction of Perceptible Artifacts in JPEG2000 Compressed Abdomen CT Images Using a Perceptual Image Quality Metric. <i>Academic Radiology</i> , 2008, 15, 314-325.	2.5	21
75	Off-Site Smartphone Reading of CT Images for Patients With Inconclusive Diagnoses of Appendicitis From On-Call Radiologists. <i>American Journal of Roentgenology</i> , 2014, 203, 3-9.	2.2	21
76	CT in Differentiating Complicated From Uncomplicated Appendicitis: Presence of Any of 10 CT Features Versus Radiologists' Gestalt Assessment. <i>American Journal of Roentgenology</i> , 2019, 213, W218-W227.	2.2	21
77	Diagnostic performance of a point shear wave elastography (pSWE) for hepatic fibrosis in patients with autoimmune liver disease. <i>PLoS ONE</i> , 2019, 14, e0212771.	2.5	20
78	Effect of Helicobacter pylori eradication after subtotal gastrectomy on the survival rate of patients with gastric cancer: follow-up for up to 15 years. <i>Gastric Cancer</i> , 2020, 23, 1051-1063.	5.3	20
79	Measurements of achromatic and chromatic contrast sensitivity functions for an extended range of adaptation luminance. <i>Proceedings of SPIE</i> , 2013, , .	0.8	19
80	GazeDx: Interactive Visual Analytics Framework for Comparative Gaze Analysis with Volumetric Medical Images. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 311-320.	4.4	19
81	Added Value of Coronal Reformations for Duty Radiologists and for Referring Physicians or Surgeons in the CT Diagnosis of Acute Appendicitis. <i>Korean Journal of Radiology</i> , 2006, 7, 87.	3.4	18
82	Automated Carbon Dioxide Insufflation for CT Colonography: Effectiveness of Colonic Distention in Cancer Patients with Severe Luminal Narrowing. <i>American Journal of Roentgenology</i> , 2008, 190, 698-706.	2.2	18
83	Definition of Compression Ratio: Difference Between Two Commercial JPEG2000 Program Libraries. <i>Telemedicine Journal and E-Health</i> , 2008, 14, 350-354.	2.8	18
84	A Comparison of Three Image Fidelity Metrics of Different Computational Principles for JPEG2000 Compressed Abdomen CT Images. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1496-1503.	8.9	18
85	Long-Term Oncologic Outcomes of Laparoscopic Sentinel Node Navigation Surgery in Early Gastric Cancer: A Single-Center, Single-Arm, Phase II Trial. <i>Annals of Surgical Oncology</i> , 2018, 25, 2357-2365.	1.5	18
86	Hepatic Attenuation Differences Associated with Obstruction of the Portal or Hepatic Veins in Patients with Hepatic Abscess. <i>American Journal of Roentgenology</i> , 2005, 185, 1015-1023.	2.2	17
87	Differences in Compression Artifacts on Thin- and Thick-Section Lung CT Images. <i>American Journal of Roentgenology</i> , 2008, 191, W38-W43.	2.2	17
88	JPEG2000 3D compression vs 2D compression: An assessment of artifact amount and computing time in compressing thin-section abdomen CT images. <i>Medical Physics</i> , 2009, 36, 835-844.	3.0	17
89	Early Gastric Cancer: Feasibility of CT Lymphography with Ethiodized Oil for Sentinel Node Mapping. <i>Radiology</i> , 2013, 267, 414-421.	7.3	17
90	Can We Perform CT of the Appendix with Less Than 1 mSv? A De-escalating Dose-simulation Study. <i>European Radiology</i> , 2018, 28, 1826-1834.	4.5	17

#	ARTICLE	IF	CITATIONS
91	Summation or Axial Slab Average Intensity Projection of Abdominal Thin-section CT Datasets: Can They Substitute for the Primary Reconstruction from Raw Projection Data?. Journal of Digital Imaging, 2008, 21, 422-432.	2.9	16
92	Diagnostic Performance of CT Angiography in Patients Visiting Emergency Department with Overt Gastrointestinal Bleeding. Korean Journal of Radiology, 2015, 16, 541.	3.4	16
93	CT findings of post-polypectomy coagulation syndrome and colonic perforation in patients who underwent colonoscopic polypectomy. Clinical Radiology, 2016, 71, 1030-1036.	1.1	16
94	Limited detection of small (≤ 10 mm) colorectal liver metastasis at preoperative CT in patients undergoing liver resection. PLoS ONE, 2017, 12, e0189797.	2.5	16
95	Regional Difference in Compression Artifacts in Low-Dose Chest CT Images: Effects of Mathematical and Perceptual Factors. American Journal of Roentgenology, 2008, 191, W30-W37.	2.2	15
96	Objective index of image fidelity for JPEG2000 compressed body CT images. Medical Physics, 2009, 36, 3218-3226.	3.0	15
97	Initial Performance of Radiologists and Radiology Residents in Interpreting Low-Dose (2-mSv) Appendiceal CT. American Journal of Roentgenology, 2015, 205, W594-W611.	2.2	15
98	Prediction of optimal injection protocol for tumor detection in contrast-enhanced dynamic hepatic CT using simulation of lesion-to-liver contrast difference. Computerized Medical Imaging and Graphics, 2000, 24, 317-327.	5.8	14
99	Gene Delivery to the Rat Liver Using Cationic Lipid Emulsion/DNA Complex: Comparison between Intra-arterial, Intraportal and Intravenous Administration. Korean Journal of Radiology, 2002, 3, 194.	3.4	14
100	Regional PET/CT after water gastric inflation for evaluating loco-regional disease of gastric cancer. European Journal of Radiology, 2013, 82, 935-942.	2.6	14
101	Different effects of p53 protein overexpression on the survival of gastric cancer patients according to Lauren histologic classification: a retrospective study. Gastric Cancer, 2021, 24, 844-857.	5.3	14
102	Evaluation of factors influencing arterial Doppler waveforms in an in vitro flow phantom. Ultrasonography, 2017, 36, 39-52.	2.3	14
103	Sex-based differences in histology, staging, and prognosis among 2983 gastric cancer surgery patients. World Journal of Gastroenterology, 2022, 28, 933-947.	3.3	14
104	Recurrent Bronchobiliary Fistula: Unsuccessful Management with Repeated Insertion of Metallic Biliary Stent. Journal of Vascular and Interventional Radiology, 2003, 14, 1577-1579.	0.5	13
105	Small-Bowel Obstruction in a Phantom Model of ex Vivo Porcine Intestine: Comparison of PACS Stack and Tile Modes for CT Interpretation. Radiology, 2005, 236, 867-871.	7.3	13
106	Does the amount of tagged stool and fluid significantly affect the radiation exposure in low-dose CT colonography performed with an automatic exposure control?. European Radiology, 2011, 21, 345-352.	4.5	13
107	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
108	Ovarian serous surface papillary borderline tumor: characteristic imaging features with clinicopathological correlation. British Journal of Radiology, 2018, 91, 20170689.	2.2	13

#	ARTICLE	IF	CITATIONS
109	Differentiation between complicated and uncomplicated appendicitis: diagnostic model development and validation study. <i>Abdominal Radiology</i> , 2021, 46, 948-959.	2.1	13
110	Quantitative comparison of tumor vascularity of hepatocellular carcinoma after intravenous contrast agent: conventional versus harmonic power Doppler US. <i>Abdominal Imaging</i> , 2001, 26, 178-183.	2.0	12
111	Experimental Clonorchiasis in Dogs: CT Findings before and after Treatment. <i>Radiology</i> , 2003, 228, 131-138.	7.3	12
112	Preventive Saline Irrigation of the Bile Duct After the Endoscopic Removal of Common Bile Duct Stones. <i>Digestive Diseases and Sciences</i> , 2013, 58, 2353-2360.	2.3	12
113	Comparison of long-term oncological outcomes of appendiceal cancer and colon cancer: A multicenter retrospective study. <i>Surgical Oncology</i> , 2016, 25, 37-43.	1.6	12
114	Dynamic Changes in <i>Helicobacter pylori</i> Status Following Gastric Cancer Surgery. <i>Gut and Liver</i> , 2017, 11, 209-215.	2.9	12
115	Reticular Infiltrations Alone without Mass in the Mesentery and Omentum Identified at Contrast-enhanced CT: Efficacy of US-guided Percutaneous Core Biopsy. <i>Radiology</i> , 2011, 261, 311-317.	7.3	11
116	Advantage in image fidelity and additional computing time of JPEG2000 3D in comparison to JPEG2000 in compressing abdomen CT image datasets of different section thicknesses. <i>Medical Physics</i> , 2010, 37, 4238-4248.	3.0	10
117	JPEG2000 2D and 3D Reversible Compressions of Thin-Section Chest CT Images: Improving Compressibility by Increasing Data Redundancy Outside the Body Region. <i>Radiology</i> , 2011, 259, 271-277.	7.3	10
118	Comparison of filtered back projection and iterative reconstruction in diagnosing appendicitis at 2-mSv CT. <i>Abdominal Radiology</i> , 2016, 41, 1227-1236.	2.1	10
119	Diagnostic Yield and False-Referral Rate of Staging Chest CT in Patients with Colon Cancer. <i>Radiology</i> , 2018, 289, 535-545.	7.3	10
120	Using 2-mSv Appendiceal CT in Usual Practice for Adolescents and Young Adults: Willingness Survey of 579 Radiologists, Emergency Physicians, and Surgeons from 20 Hospitals. <i>Korean Journal of Radiology</i> , 2020, 21, 68.	3.4	10
121	Visualization of Jejunal Bleeding by Capsule Endoscopy in a Case of Eosinophilic Enteritis. <i>Korean Journal of Internal Medicine</i> , 2005, 20, 63.	1.7	10
122	Sonography of Acute Osteomyelitis in Rabbits with Pathologic Correlation. <i>Academic Radiology</i> , 2001, 8, 243-249.	2.5	9
123	Detection of Pulmonary Edema in Pigs: Storage Phosphor versus Amorphous Selenium-based Flat-Panel-Detector Radiography. <i>Radiology</i> , 2002, 223, 695-701.	7.3	9
124	Heparin-Coated Angiographic Catheters: An In Vivo Comparison of Three Coating Methods with Different Heparin Release Profiles. <i>CardioVascular and Interventional Radiology</i> , 2004, 27, 507-11.	2.0	9
125	Feasibility of Laparoscopic partial gastrectomy with sentinel node basin dissection in a porcine model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 1070-1075.	2.4	9
126	Quality of Reporting Noninferiority/Similarity in Research Studies of Diagnostic Imaging. <i>Radiology</i> , 2014, 270, 241-247.	7.3	9

#	ARTICLE	IF	CITATIONS
127	Comparison of US and CT on the effect on negative appendectomy and appendiceal perforation in adolescents and adults: A post-hoc analysis using propensity-score methods. Journal of Clinical Ultrasound, 2016, 44, 401-410.	0.8	9
128	A Straightforward Algorithm for the Quantification of Power Doppler Signals. Investigative Radiology, 2002, 37, 343-348.	6.2	8
129	The Effect of Wireless LAN-Based PACS Device for Portable Imaging Modalities. Journal of Digital Imaging, 2010, 23, 185-191.	2.9	8
130	Comparison of three image comparison methods for the visual assessment of the image fidelity of compressed computed tomography images. Medical Physics, 2011, 38, 836-844.	3.0	8
131	Introduction of heat map to fidelity assessment of compressed CT images. Medical Physics, 2011, 38, 4667-4671.	3.0	8
132	Oncologic relevance of magnetic resonance imaging—detected threatened mesorectal fascia for patients with mid or low rectal cancer: A longitudinal analysis before and after long-course, concurrent chemoradiotherapy. Surgery, 2017, 162, 152-163.	1.9	8
133	Meaningful standard of reference for appendiceal perforation: pathology, surgery, or both?. Annals of Surgical Treatment and Research, 2017, 93, 88.	1.0	8
134	Clogging of Drainage Catheters: Quantitative and Longitudinal Assessment by Monitoring Intracatheter Pressure in Catheters and Rabbits. Radiology, 2003, 227, 833-838.	7.3	7
135	Hepatocellular Carcinoma. Journal of Ultrasound in Medicine, 2003, 22, 887-896.	1.7	7
136	Sonographic Features of an Intraductal Polypoid Mass. Journal of Ultrasound in Medicine, 2004, 23, 1283-1291.	1.7	7
137	On-the-fly Generation of Multiplanar Reformation Images Independent of CT Scanner Type. Journal of Digital Imaging, 2008, 21, 306-311.	2.9	7
138	Predicting the fidelity of JPEG2000 compressed CT images using DICOM header information. Medical Physics, 2011, 38, 6449-6457.	3.0	7
139	Fading hepatic hemangiomas on multiphasic CT. Abdominal Radiology, 2012, 37, 775-780.	2.1	7
140	Low-Dose (2-mSv) CT in Adolescents and Young Adults With Suspected Appendicitis: Advantages of Additional Review of Thin Sections Using Multiplanar Sliding-Slab Averaging Technique. American Journal of Roentgenology, 2015, 205, W485-W491.	2.2	7
141	Deep learning—based denoising algorithm in comparison to iterative reconstruction and filtered back projection: a 12-reader phantom study. European Radiology, 2021, 31, 8755-8764.	4.5	7
142	Can Patient Triage with Clinical Scoring Systems Reduce CT Use in Adolescents and Young Adults Suspected of Having Appendicitis?. Radiology, 2021, 300, 350-358.	7.3	7
143	Experimentally Induced Small-Bowel Tumor in Rabbits: US-guided Percutaneous 18-gauge Core Biopsy. Radiology, 2004, 231, 150-155.	7.3	6
144	Four-dimensional volume contrast ultrasound imaging of the gallbladder compared with tissue harmonic imaging: preliminary experience. European Radiology, 2004, 14, 1657-64.	4.5	6

#	ARTICLE	IF	CITATIONS
145	Sentinel Node Mapping of VX2 Carcinoma in Rabbit Thigh with CT Lymphography Using Ethiodized Oil. Korean Journal of Radiology, 2014, 15, 29.	3.4	6
146	Oncologic evaluation of obesity as a factor in patients with rectal cancer undergoing laparoscopic surgery: a propensity-matched analysis using body mass index. Annals of Surgical Treatment and Research, 2019, 96, 86.	1.0	6
147	Detection and False-Referral Rates of 2-mSv CT Relative to Standard-Dose CT for Appendiceal Perforation: Pragmatic Multicenter Randomized Controlled Trial. American Journal of Roentgenology, 2020, 215, 874-884.	2.2	6
148	Embolization With Autologous Fibroblast-Attached Platinum Coils in Canine Carotid Artery Aneurysms. Investigative Radiology, 2003, 38, 281-287.	6.2	5
149	Power Doppler Imaging in Acute Renal Vein Occlusion and Recanalization: a Canine Model. Korean Journal of Radiology, 2008, 9, 128.	3.4	5
150	Triplanar convolution with shared 2D kernels for 3D classification and shape retrieval. Computer Vision and Image Understanding, 2020, 193, 102901.	4.7	5
151	Low-Dose Abdominal CT for Evaluating Suspected Appendicitis in Adolescents and Young Adults: Review of Evidence. Korean Journal of Radiology, 2022, 23, 517.	3.4	5
152	Gastric remnant infarction following laparoscopy-assisted distal gastrectomy: CT diagnosis in two cases. Abdominal Imaging, 2007, 32, 290-292.	2.0	4
153	CT Findings of Afferent Loop Varices After Bilioenteric Anastomosis in Patients With Malignant Disease. American Journal of Roentgenology, 2013, 200, 1261-1268.	2.2	4
154	Computed Tomographic Colonography Is Valuable for Post-Treatment Evaluation and Screening of Hidden Colorectal Cancer in Patients with Cryptogenic Pyogenic Liver Abscess. Digestion, 2014, 89, 175-183.	2.3	4
155	Perception of radiation dose and potential risks of computed tomography in emergency department medical personnel. Clinical and Experimental Emergency Medicine, 2015, 2, 123-129.	1.6	4
156	Isolation of internal and external sphincter progenitor cells from the human anal sphincter with or without radiotherapy. Colorectal Disease, 2019, 21, 38-47.	1.4	4
157	Adrenal Nodules Detected at Staging CT in Patients with Resectable Gastric Cancers Have a Low Incidence of Malignancy. Radiology, 2022, 302, 129-137.	7.3	4
158	Calibration of the visual difference predictor for estimating visibility of JPEG2000 compression artifacts in CT images. , 2010, , .		3
159	Local tissue reaction after injection of contrast media on gastric wall of mouse: experimental study for application of contrast media to computed tomography lymphography. [Chapchi] Journal Taehan Oekwa Hakhoe, 2012, 82, 70.	1.1	3
160	Parallelized Seeded Region Growing Using CUDA. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-10.	1.3	3
161	Diagnostic sensitivity and specificity of 2-mSv CT vs. conventional-dose CT in adolescents and young adults with suspected appendicitis: post hoc subgroup analysis of the LOCAT data. European Radiology, 2020, 30, 4573-4585.	4.5	3
162	Final diagnosis and patient disposition following equivocal results on 2-mSv CT vs. conventional-dose CT in adolescents and young adults with suspected appendicitis: a post hoc analysis of large pragmatic randomized trial data. European Radiology, 2021, 31, 9176-9187.	4.5	3

#	ARTICLE	IF	CITATIONS
163	Conventional-Dose CT Versus 2-mSv CT for Right Colonic Diverticulitis as an Alternate Diagnosis of Appendicitis: Secondary Analysis of Large Pragmatic Randomized Trial Data. American Journal of Roentgenology, 2021, 217, 1113-1121.	2.2	3
164	In vitro CT evaluation of intrahepatic stones: correlation with chemical composition. European Journal of Radiology, 2005, 54, 258-263.	2.6	2
165	Radiological Findings in a Case of Multiple Focal Nodular Hyperplasia Associated with Portal Vein Atresia and Portopulmonary Hypertension. Korean Journal of Radiology, 2008, 9, 386.	3.4	2
166	Use of Image Features in Predicting Visually Lossless Thresholds of JPEG2000 Compressed Body CT Images: Initial Trial. Radiology, 2013, 268, 710-718.	7.3	2
167	The Surgical Rate and Recurrence Rate in Right Colonic Diverticulitis Using the CT-Based Modified Hinchey Classification. Journal of the Korean Society of Radiology, 2015, 73, 91.	0.2	2
168	Pseudohydronephrosis in Two-Phase Spiral CT of the Abdomen. Journal of the Korean Radiological Society, 1997, 37, 889.	0.0	2
169	Appendiceal Visualization on 2-mSv CT vs. Conventional-Dose CT in Adolescents and Young Adults with Suspected Appendicitis: An Analysis of Large Pragmatic Randomized Trial Data. Korean Journal of Radiology, 2022, 23, 413.	3.4	2
170	MRI of Normal Pancreas: Comparison of T2-Weighted Pulse Sequences Using Turbo Spin Echo, Turbo Spin Echo with Fat Suppression, HASTE and HASTE with Fat Suppression. Journal of the Korean Radiological Society, 1998, 38, 107.	0.0	1
171	Spontaneous Total Necrosis of Hepatocellular Carcinoma. Journal of the Korean Radiological Society, 2003, 48, 177.	0.0	1
172	Fully automatic 3-D segmentation of knee bone compartments by iterative local branch-and-mincut on MR images from osteoarthritis initiative (OAI). , 2009, , .		1
173	JPEG2000 Compression of CT Images Used for Measuring Coronary Artery Calcification Score: Assessment of Optimal Compression Threshold. American Journal of Roentgenology, 2012, 198, 760-763.	2.2	1
174	Evaluation of the robustness of the preprocessing technique improving reversible compressibility of CT images: Tested on various CT examinations. Medical Physics, 2013, 40, 101910.	3.0	1
175	Idiopathic Inferior Mesenteric Arteriovenous Fistula with Ischemic Colitis: A Case Report and Literature Review. Journal of the Korean Society of Radiology, 2016, 74, 185.	0.2	1
176	Central Image Archiving and Management System for Multicenter Clinical Studies: Lessons from Low-dose CT for Appendicitis Trial. Journal of the Korean Society of Radiology, 2017, 76, 165.	0.2	1
177	Letter to the Editor: Sharing Image Data from Clinical Trials. Journal of Korean Medical Science, 2017, 32, 1381.	2.5	1
178	Development of an algorithm to automatically compress a CT image to visually lossless threshold. BMC Medical Imaging, 2018, 18, 53.	2.7	1
179	Ductal-obstructive pancreatitis with granulocytic epithelial lesion in a patient with ulcerative colitis: An atypical manifestation of type 2 autoimmune pancreatitis?. Pathology International, 2019, 69, 420-426.	1.3	1
180	Phase II, prospective, single-arm, single-institutional, open-label clinical trial on laparoscopic sentinel node navigation surgery in early gastric cancer.. Journal of Clinical Oncology, 2017, 35, 90-90.	1.6	1

#	ARTICLE	IF	CITATIONS
181	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
182	Barium Granuloma of the Rectum: Case Report. Journal of the Korean Radiological Society, 2003, 49, 43.	0.0	1
183	First Step for Clinical Trial in the Korean Society of Radiology: A Panel Discussion. Journal of the Korean Society of Radiology, 2013, 68, 157.	0.2	1
184	Development of an Online Radiology Case Review System Featuring Interactive Navigation of Volumetric Image Datasets Using Advanced Visualization Techniques. Journal of the Korean Society of Radiology, 2015, 73, 312.	0.2	1
185	Diagnostic Accuracy of CT for Evaluating Circumferential Resection Margin Status in Resectable or Borderline Resectable Pancreatic Head Cancer: A Prospective Study Using Axially Sliced Surgical Pathologic Correlation. Korean Journal of Radiology, 2022, 23, .	3.4	1
186	Pulse Sequence Optimization for Superparamagnetic Iron Oxide-enhanced MR Imaging in the Detection of Hepatic VX2 Tumors in Rabbits. Journal of the Korean Radiological Society, 2003, 48, 39.	0.0	0
187	Summation and axial slab reformation of thin-section abdominal CT: How much are they different from primary reconstruction of a raw projection data?. , 2005, , .		0
188	<title>Managing the CT data explosion: initial experiences of archiving volumetric datasets in a mini-PACS</title>. , 2005, 5748, 427.		0
189	Heparin derivatives coated drainage catheter for inhibition of thrombus formation. Macromolecular Research, 2011, 19, 408-412.	2.4	0
190	Differentiation Between Hepatocellular Carcinoma and Colorectal Cancer Liver Metastases on High-Resolution Magic Angle Spinning Spectroscopy: Preliminary Study. Applied Magnetic Resonance, 2014, 45, 19-35.	1.2	0
191	Tumor Vascularity of Experimentally Induced VX2 Carcinoma in the Rabbit Thigh: Evaluation with Enhanced Power Doppler Sonography and DSA Correlated with Histopathologic Findings. Journal of the Korean Radiological Society, 2002, 46, 495.	0.0	0
192	Correlation between MR Imaging and Histopathologic Findings in Acute Osteomyelitis: Experimental Study in Rabbits. Journal of the Korean Radiological Society, 1999, 41, 785.	0.0	0
193	Dynamic and Interactive Web-based Radiology Teaching File Using Layer and JavaScript. Journal of the Korean Radiological Society, 1999, 40, 603.	0.0	0
194	Quality of Reporting Noninferiority/Similarity in Research Studies of Diagnostic Imaging. Radiology, 0, , 130967.	7.3	0
195	Incidence of malignancy in adrenal nodules detected on staging CTs of patients with potentially resectable colorectal cancer. European Radiology, 0, , .	4.5	0
196	Low-Dose Abdominal CT for Evaluating Suspected Appendicitis: Recommendations for CT Imaging Techniques and Practical Issues. Diagnostics, 2022, 12, 1585.	2.6	0