Se Hyung Kim

List of Publications by Year
in descending order

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89	2,112	201385	264894
papers	citations	27 h-index	42 g-index

93	93	93	2789
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CT Perfusion of the Liver: Principles and Applications in Oncology. Radiology, 2014, 272, 322-344.	3.6	154
2	Ectopic Pancreas: CT Findings with Emphasis on Differentiation from Small Gastrointestinal Stromal Tumor and Leiomyoma. Radiology, 2009, 252, 92-100.	3.6	131
3	Intrapancreatic Accessory Spleen: Findings on MR Imaging, CT, US and Scintigraphy, and the Pathologic Analysis. Korean Journal of Radiology, 2008, 9, 162.	1.5	107
4	Esophageal Varices in Patients with Cirrhosis: Multidetector CT Esophagographyâ€"Comparison with Endoscopy. Radiology, 2007, 242, 759-768.	3.6	98
5	Hepatic Macrosteatosis: Predicting Appropriateness of Liver Donation by Using MR Imagingâ€"Correlation with Histopathologic Findings. Radiology, 2006, 240, 116-129.	3.6	71
6	Non-hypervascular hepatobiliary phase hypointense nodules on gadoxetic acid-enhanced MRI: Risk of HCC recurrence after radiofrequency ablation. Journal of Hepatology, 2015, 62, 1122-1130.	1.8	70
7	MDCT and superparamagnetic iron oxide (SPIO)-enhanced MR findings of intrapancreatic accessory spleen in seven patients. European Radiology, 2006, 16, 1887-1897.	2.3	62
8	Differentiation of large (â‰¥5cm) gastrointestinal stromal tumors from benign subepithelial tumors in the stomach: Radiologistsâ€™ performance using CT. European Journal of Radiology, 2014, 83, 250-260.	1.2	56
9	Focal Peliosis Hepatis as a Mimicker of Hepatic Tumors. Journal of Computer Assisted Tomography, 2007, 31, 79-85.	0.5	54
10	Value of Contrast-Enhanced Sonography for the Characterization of Focal Hepatic Lesions in Patients with Diffuse Liver Disease: Receiver Operating Characteristic Analysis. American Journal of Roentgenology, 2005, 184, 1077-1084.	1.0	53
11	Two- versus Three-dimensional Colon Evaluation with Recently Developed Virtual Dissection Software for CT Colonography. Radiology, 2007, 244, 852-864.	3.6	51
12	Diagnostic Accuracy of Multi-/Single-Detector Row CT and Contrast-Enhanced MRI in the Detection of Hepatocellular Carcinomas Meeting the Milan Criteria before Liver Transplantation. Intervirology, 2008, 51, 52-60.	1.2	48
13	Usefulness of a Metal Artifact Reduction Algorithm for Orthopedic Implants in Abdominal CT: Phantom and Clinical Study Results. American Journal of Roentgenology, 2015, 204, 307-317.	1.0	47
14	Adaptive Statistical Iterative Reconstruction and Veo. Journal of Computer Assisted Tomography, 2012, 36, 596-601.	0.5	43
15	Changes of Portosystemic Collaterals and Splenic Volume on CT After Liver Transplantation and Factors Influencing Those Changes. American Journal of Roentgenology, 2008, 191, W8-W16.	1.0	42
16	Prognostic value of MRI in assessing extramural venous invasion in rectal cancer: multi-readersâ€™ diagnostic performance. European Radiology, 2019, 29, 4379-4388.	2.3	41
17	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.	2.3	39
18	Fundamental Elements for Successful Performance of CT Colonography (Virtual Colonoscopy). Korean Journal of Radiology, 2007, 8, 264.	1.5	38

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19	A Novel Algorithm to Differentiate Between Multiple Primary Lung Cancers and Intrapulmonary Metastasis in Multiple Lung Cancers With Multiple Pulmonary Sites of Involvement. Journal of Thoracic Oncology, 2020, 15, 203-215.	0.5	38
20	Diagnostic Performance of LI-RADS Treatment Response Algorithm for Hepatocellular Carcinoma: Adding Ancillary Features to MRI Compared with Enhancement Patterns at CT and MRI. Radiology, 2020, 296, 554-561.	3.6	35
21	Extended Field-of-View Sonography. Journal of Ultrasound in Medicine, 2003, 22, 385-394.	0.8	34
22	Effect of Adjusted Positioning on Gastric Distention and Fluid Distribution During CT Gastrography. American Journal of Roentgenology, 2005, 185, 1180-1184.	1.0	33
23	Isolated Main Pancreatic Duct Dilatation: CT Differentiation Between Benign and Malignant Causes. American Journal of Roentgenology, 2017, 209, 1046-1055.	1.0	33
24	Multiparametric fully-integrated 18-FDG PET/MRI of advanced gastric cancer for prediction of chemotherapy response: a preliminary study. European Radiology, 2016, 26, 2771-2778.	2.3	31
25	Comparison between 18F-FDG PET/MRI and MDCT for the assessment of preoperative staging and resectability of gastric cancer. European Journal of Radiology, 2016, 85, 1085-1091.	1.2	31
26	The diagnostic value of multiplanar reconstruction on MDCT colonography for the preoperative staging of colorectal cancer. European Radiology, 2006, 16, 2284-2291.	2.3	28
27	High-Definition Flow Doppler Ultrasonographic Technique to Assess Hepatic Vasculature Compared With Color or Power Doppler Ultrasonography. Journal of Ultrasound in Medicine, 2008, 27, 1491-1501.	0.8	28
28	Image quality in liver CT: low-dose deep learning vs standard-dose model-based iterative reconstructions. European Radiology, 2022, 32, 2865-2874.	2.3	26
29	Computed Tomography Enterography and Magnetic Resonance Enterography in the Diagnosis of Crohn's Disease. Intestinal Research, 2015, 13, 27.	1.0	25
30	Quantitative contrast-enhanced US helps differentiating neoplastic vs non-neoplastic gallbladder polyps. European Radiology, 2019, 29, 3772-3781.	2.3	24
31	CT Findings of Gallbladder Metastases: Emphasis on Differences According to Primary Tumors. Korean Journal of Radiology, 2014, 15, 334.	1.5	23
32	Deep Learning Electronic Cleansing for Single- and Dual-Energy CT Colonography. Radiographics, 2018, 38, 2034-2050.	1.4	23
33	Prognostic Value of Tumor Regression Grade on MR in Rectal Cancer: A Large-Scale, Single-Center Experience. Korean Journal of Radiology, 2020, 21, 1065.	1.5	23
34	Effects of Spatial Resolution and Tube Current on Computer-aided Detection of Polyps on CT Colonographic Images: Phantom Study. Radiology, 2008, 248, 492-503.	3.6	22
35	Computer-aided image analysis of focal hepatic lesions in ultrasonography: preliminary results. Abdominal Imaging, 2009, 34, 183-191.	2.0	22
36	CT differentiation of poorly-differentiated gastric neuroendocrine tumours from well-differentiated neuroendocrine tumours and gastric adenocarcinomas. European Radiology, 2015, 25, 1946-1957.	2.3	20

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37	Switching Monopolar No-Touch Radiofrequency Ablation Using Octopus Electrodes for Small Hepatocellular Carcinoma: A Randomized Clinical Trial. Liver Cancer, 2021, 10, 72-81.	4.2	19
38	CT findings suggesting anastomotic leak and predicting the recovery period following gastric surgery. European Radiology, 2015, 25, 1958-1966.	2.3	18
39	Outcome and CT differentiation of gallbladder neuroendocrine tumours from adenocarcinomas. European Radiology, 2017, 27, 507-517.	2.3	18
40	Can quantitative iodine parameters on DECT replace perfusion CT parameters in colorectal cancers?. European Radiology, 2018, 28, 4775-4782.	2.3	18
41	Combined application of virtual monoenergetic high keV images and the orthopedic metal artifact reduction algorithm (O-MAR): effect on image quality. Abdominal Radiology, 2019, 44, 756-765.	1.0	18
42	Natural history and optimal treatment strategy of intraductal papillary mucinous neoplasm of the pancreas: Analysis using a nomogram and Markov decision model. Journal of Hepato-Biliary-Pancreatic Sciences, 2021, 28, 131-142.	1.4	18
43	Efficacy of Gastric Balloon Dilatation and/or Retrievable Stent Insertion for Pyloric Spasms after Pylorus-Preserving Gastrectomy: Retrospective Analysis. PLoS ONE, 2015, 10, e0144470.	1.1	18
44	Ultra-low Peak Voltage CT Colonography: Effect of Iterative Reconstruction Algorithms on Performance of Radiologists Who Use Anthropomorphic Colonic Phantoms. Radiology, 2014, 273, 759-771.	3.6	16
45	Splenomegaly and Its Associations with Genetic Polymorphisms and Treatment Outcome in Colorectal Cancer Patients Treated with Adjuvant FOLFOX. Cancer Research and Treatment, 2016, 48, 990-997.	1.3	15
46	Differential and prognostic MRI features of gallbladder neuroendocrine tumors and adenocarcinomas. European Radiology, 2020, 30, 2890-2901.	2.3	13
47	Electronic Cleansing in Fecal-Tagging Dual-Energy CT Colonography Based on Material Decomposition and Virtual Colon Tagging. IEEE Transactions on Biomedical Engineering, 2015, 62, 754-765.	2.5	12
48	Early Gastric Cancers: Is CT Surveillance Necessary after Curative Endoscopic Submucosal Resection for Cancers That Meet the Expanded Criteria?. Radiology, 2016, 281, 444-453.	3.6	12
49	Comprehensive analyses with radiological and biological markers of breast cancer on contrast-enhanced chest CT: a single center experience using dual-layer spectral detector CT. European Radiology, 2020, 30, 2782-2790.	2.3	12
50	Human Epidermal Growth Factor Receptor 2 Expression in Unresectable Gastric Cancers: Relationship with CT Characteristics. Korean Journal of Radiology, 2017, 18, 809.	1.5	11
51	Multiparametric MRI and 18F-FDG PET features for differentiating gastrointestinal stromal tumors from benign gastric subepithelial lesions. European Radiology, 2020, 30, 1634-1643.	2.3	11
52	Safety of Ligation of Aberrant Left Hepatic Artery Originating from Left Gastric Artery in Laparoscopic Gastrectomy for Gastric Cancer. Scientific Reports, 2020, 10, 5856.	1.6	11
53	UltraFast Doppler ultrasonography for hepatic vessels of liver recipients: preliminary experiences. Ultrasonography, 2015, 34, 58-65.	1.0	11
54	Detection of Hepatocellular Carcinoma on CT in Liver Transplant Candidates: Comparison of PACS Tile and Multisynchronized Stack Modes. American Journal of Roentgenology, 2007, 188, 1337-1342.	1.0	10

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55	CT Perfusion evaluation of gastric cancer: correlation with histologic type. European Radiology, 2018, 28, 487-495.	2.3	10
56	Sub-millisievert CT colonography: effect of knowledge-based iterative reconstruction on the detection of colonic polyps. European Radiology, 2018, 28, 5258-5266.	2.3	10
57	Radiofrequency Ablation with an Internally Cooled Monopolar Directional Electrode: Ex Vivo and in Vivo Experimental Studies in the Liver. Radiology, 2016, 278, 395-404.	3.6	9
58	Effect of different reconstruction algorithms on computer-aided diagnosis (CAD) performance in ultra-low dose CT colonography. European Journal of Radiology, 2015, 84, 547-554.	1.2	8
59	CT volumetric measurement of colorectal cancer helps predict tumor staging and prognosis. PLoS ONE, 2017, 12, e0178522.	1.1	8
60	Gastrointestinal tract complications after hepatic radiofrequency ablation: CT prediction for major complications. Abdominal Radiology, 2018, 43, 583-592.	1.0	8
61	Dynamic Contrast-Enhanced Ultrasound of Gastric Cancer: Correlation with Perfusion CT and Histopathology. Korean Journal of Radiology, 2019, 20, 781.	1.5	8
62	Added value of [68Ga]Ga-DOTA-TOC PET/CT for characterizing pancreatic neuroendocrine neoplasms: a comparison with contrast-enhanced CT and/or MRI in a large study cohort. European Radiology, 2021, 31, 7734-7745.	2.3	8
63	One-mSv CT colonography: Effect of different iterative reconstruction algorithms on radiologistsâ€™ performance. European Journal of Radiology, 2016, 85, 641-648.	1.2	7
64	Four-dimensional volume contrast ultrasound imaging of the gallbladder compared with tissue harmonic imaging: preliminary experience. European Radiology, 2004, 14, 1657-64.	2.3	6
65	Poorly-differentiated colorectal neuroendocrine tumour: CT differentiation from well-differentiated neuroendocrine tumour and poorly-differentiated adenocarcinomas. European Radiology, 2017, 27, 3867-3876.	2.3	5
66	Intra-individual comparison of dual portal venous phases for non-invasive diagnosis of hepatocellular carcinoma at gadoxetic acidâ€“enhanced liver MRI. European Radiology, 2021, 31, 824-833.	2.3	5
67	Development of a predictive model for extragastric recurrence after curative resection for early gastric cancer. Gastric Cancer, 2022, 25, 255-264.	2.7	5
68	Gastric remnant infarction following laparoscopy-assisted distal gastrectomy: CT diagnosis in two cases. Abdominal Imaging, 2007, 32, 290-292.	2.0	4
69	CT Features of Colorectal Schwannomas: Differentiation from Gastrointestinal Stromal Tumors. PLoS ONE, 2016, 11, e0166377.	1.1	4
70	Prediction of Treatment Outcome of Chemotherapy Using Perfusion Computed Tomography in Patients with Unresectable Advanced Gastric Cancer. Korean Journal of Radiology, 2019, 20, 589.	1.5	4
71	Diagnosis of Hippocampal Sclerosis in Children: Comparison of Automated Brain MRI Volumetry and Readers of Varying Experience. American Journal of Roentgenology, 2021, 217, 1-12.	1.0	4
72	Diagnostic Performance of Spin-Echo Echo-Planar Imaging Magnetic Resonance Elastography in 3T System for Noninvasive Assessment of Hepatic Fibrosis. Korean Journal of Radiology, 2022, 23, 180.	1.5	4

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73	Electronic cleansing for dual-energy CT colonography based on material decomposition and virtual monochromatic imaging. Proceedings of SPIE, 2015, 9414, 94140Q.	0.8	3
74	Usefulness of hydrogel-CT for detecting and staging of rectosigmoid colon cancer. European Journal of Radiology, 2016, 85, 1020-1026.	1.2	3
75	Preoperative tumor restaging and resectability assessment of gastric cancers after chemotherapy: diagnostic accuracy of MDCT using new staging criteria. Abdominal Radiology, 2017, 42, 2807-2815.	1.0	3
76	Traditional Serrated Adenomas on CT Colonography: International Multicenter Experience With This Rare Colorectal Neoplasm. American Journal of Roentgenology, 2020, 214, 355-361.	1.0	3
77	Differentiation of intra-abdominal desmoid tumor from peritoneal seeding based on CT and/or 18F-FDG PET-CT in patients with history of cancer surgery. Abdominal Radiology, 2020, 45, 2647-2655.	1.0	3
78	Volumetric CT Texture Analysis of Intrahepatic Mass-Forming Cholangiocarcinoma for the Prediction of Postoperative Outcomes: Fully Automatic Tumor Segmentation Versus Semi-Automatic Segmentation. Korean Journal of Radiology, 2021, 22, 1797-1808.	1.5	3
79	Added value of [18F]FDG PET/MRI over MDCT alone in the staging of recurrent gastric cancer. European Radiology, 2021, 31, 7834-7844.	2.3	3
80	Volumetric Contrast Imaging in Bile Duct Sonography:Technology and Early Clinical Experience. American Journal of Roentgenology, 2004, 183, 1602-1604.	1.0	2
81	Local or extragastric recurrence after incomplete endoscopic submucosal dissection of early gastric cancer: risk factors and the role of CT. Abdominal Radiology, 2018, 43, 3250-3259.	1.0	2
82	Differentiation between small (< 4.5 cm) true subepithelial tumors and ectopic pancreas in the small bowel on computed tomography enterography. European Radiology, 2021, , 1.	2.3	2
83	Role of Dedicated Subspecialized Radiologists in Multidisciplinary Team Discussions on Lower Gastrointestinal Tract Cancers. Korean Journal of Radiology, 2022, 23, .	1.5	1
84	Deep multi-spectral ensemble learning for electronic cleansing in dual-energy CT colonography. Proceedings of SPIE, 2017, , .	0.8	0
85	FDG Uptakes at Unilateral Axillary and Supraclavicular Lymph Nodes and Deltoid Muscle on [18F] FDG PET/CT After COVID-19 Vaccination: A Potential Pitfall for Metastatic Lymph Nodes in Colon Cancer Patient. Korean Journal of Abdominal Radiology, 2021, 5, 72-76.	0.0	0
86	Effect of Different Iterative Reconstruction Algorithms on Ultra-Low Dose CT of Inflammatory Bowel Disease in a Rabbit Model. Korean Journal of Abdominal Radiology, 2021, 5, 32-41.	0.0	0
87	Normal and Abnormal Postoperative Imaging Findings after Gastric Oncologic and Bariatric Surgery. Korean Journal of Radiology, 2020, 21, 793.	1.5	0
88	Fluorine-18-FDG PET findings of focal eosinophilic liver disease: correlation with CT and/or MRI, laboratory, and pathologic findings. Abdominal Imaging, 2010, 35, 437.	2.0	0
89	Added Value of the Sliding Sign on Right Down Decubitus CT for Determining Adjacent Organ Invasion in Patients with Advanced Gastric Cancer. Journal of the Korean Society of Radiology, 0, 83, .	0.1	0