Sungwon Kim

List of Publications by Year
in descending order

29 papers	697 citations	777949 13 h-index	685536 24 g-index
29 all docs	29 docs citations	29 times ranked	1089 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.	1.1	13
2	MRI Radiomics Model Predicts Pathologic Complete Response of Rectal Cancer Following Chemoradiotherapy. Radiology, 2022, 303, 351-358.	3.6	72
3	Successful Implementation of an Artificial Intelligence-Based Computer-Aided Detection System for Chest Radiography in Daily Clinical Practice. Korean Journal of Radiology, 2022, 23, 847.	1.5	16
4	Fully automatic quantification of transient severe respiratory motion artifact of gadoxetate disodium—enhanced MRI during arterial phase. Medical Physics, 2022, 49, 7247-7261.	1.6	1
5	Predictive performance of ultrasonography-based radiomics for axillary lymph node metastasis in the preoperative evaluation of breast cancer. Ultrasonography, 2021, 40, 93-102.	1.0	14
6	A radiomics-based model for predicting prognosis of locally advanced gastric cancer in the preoperative setting. Scientific Reports, 2021, 11, 1879.	1.6	20
7	Deep-learning system for real-time differentiation between Crohn's disease, intestinal Behçet's disease, and intestinal tuberculosis. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 2141-2148.	1.4	16
8	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.	2.3	5
9	Histogram-derived modified thresholds for coronary artery calcium scoring with lower tube voltage. Scientific Reports, 2021, 11, 17450.	1.6	2
10	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.	1.5	23
11	Pathologic Complete Response Prediction after Neoadjuvant Chemoradiation Therapy for Rectal Cancer Using Radiomics and Deep Embedding Network of MRI. Applied Sciences (Switzerland), 2021, 11, 9494.	1.3	3
12	Statistical Image Restoration for Low-Dose CT using Convolutional Neural Networks*. , 2020, 2020, 1303-1306.		2
13	Diagnosis of thyroid nodules on ultrasonography by a deep convolutional neural network. Scientific Reports, 2020, 10, 15245.	1.6	30
14	Prediction of breast cancer molecular subtypes using radiomics signatures of synthetic mammography from digital breast tomosynthesis. Scientific Reports, 2020, 10, 21566.	1.6	30
15	StatNet: Statistical Image Restoration for Low-Dose CT using Deep Learning. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 1137-1150.	7.3	26
16	MRI Radiomic Features: Association with Disease-Free Survival in Patients with Triple-Negative Breast Cancer. Scientific Reports, 2020, 10, 3750.	1.6	19
17	A Radiomics Approach for the Classification of Fibroepithelial Lesions on Breast Ultrasonography. Ultrasound in Medicine and Biology, 2020, 46, 1133-1141.	0.7	10
18	Current State and Strategy for Establishing a Digitally Innovative Hospital: Memorial Review Article for Opening of Yongin Severance Hospital. Yonsei Medical Journal, 2020, 61, 647.	0.9	7

#	Article	IF	Citations
19	Gadoxetic acid enhanced magnetic resonance imaging for prediction of the postoperative prognosis of intrahepatic mass-forming cholangiocarcinoma. Abdominal Radiology, 2019, 44, 110-121.	1.0	8
20	What should medical students know about artificial intelligence in medicine?. Journal of Educational Evaluation for Health Professions, 2019, 16, 18.	5.9	85
21	Semi-Supervised Learning for Low-Dose CT Image Restoration with Hierarchical Deep Generative Adversarial Network (HD-GAN). , 2019, 2019, 2683-2686.		6
22	Radiomics on Gadoxetic Acidâ€"Enhanced Magnetic Resonance Imaging for Prediction of Postoperative Early and Late Recurrence of Single Hepatocellular Carcinoma. Clinical Cancer Research, 2019, 25, 3847-3855.	3.2	134
23	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.	1.5	8
24	Postoperative Recurrence of Hepatocellular Carcinoma: The Importance of Distinguishing between Intrahepatic Metastasis and Multicentric Occurrenceâ€"Response. Clinical Cancer Research, 2019, 25, 5427-5427.	3.2	2
25	Performance of deep learning-based algorithm for detection of ileocolic intussusception on abdominal radiographs of young children. Scientific Reports, 2019, 9, 19420.	1.6	11
26	Diagnostic accuracy of prospective application of the Liver Imaging Reporting and Data System (LI-RADS) in gadoxetate-enhanced MRI. European Radiology, 2018, 28, 2038-2046.	2.3	67
27	Performance of the deep convolutional neural network based magnetic resonance image scoring algorithm for differentiating between tuberculous and pyogenic spondylitis. Scientific Reports, 2018, 8, 13124.	1.6	33
28	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.	2.3	22
29	Baseline Chloride Levels are Associated with the Incidence of Contrast-Associated Acute Kidney Injury. Scientific Reports, 2017, 7, 17431.	1.6	12