Soon Ho Yoon

List of Publications by Year
in descending order

124 papers	3,947 citations	186209 28 h-index	138417 58 g-index
126 all docs	126 docs citations	126 times ranked	6386 citing authors

#	Article	IF	Citations
1	Chest CT Findings in Hospitalized Patients with SARS-CoV-2: Delta versus Omicron Variants. Radiology, 2023, 306, 252-260.	3.6	33
2	Incidence and risk factors of late adverse reactions to low-osmolar contrast media: A prospective observational study of 10,540 exposures. European Journal of Radiology, 2022, 146, 110101.	1.2	2
3	Impaired pulmonary ventilation beyond pneumonia in COVID-19: A preliminary observation. PLoS ONE, 2022, 17, e0263158.	1.1	4
4	Preoperative percutaneous needle lung biopsy techniques and ipsilateral pleural recurrence in stage I lung cancer. European Radiology, 2022, 32, 2683-2692.	2.3	3
5	Impact of Mediastinal Lymphadenopathy on the Severity of COVID-19 Pneumonia: A Nationwide Multicenter Cohort Study. Journal of Korean Medical Science, 2022, 37, .	1.1	2
6	Artificial intelligence system for identification of false-negative interpretations in chest radiographs. European Radiology, 2022, 32, 4468-4478.	2.3	8
7	Allergic-like Hypersensitivity Reactions to Gadolinium-based Contrast Agents: An 8-year Cohort Study of 154â€‰539 Patients. Radiology, 2022, 303, 329-336.	3.6	10
8	Deep Learningâ€"Based Automatic CT Quantification of Coronavirus Disease 2019 Pneumonia: An International Collaborative Study. Journal of Computer Assisted Tomography, 2022, 46, 413-422.	0.5	3
9	Automated segmentation of whole-body CT images for body composition analysis in pediatric patients using a deep neural network. European Radiology, 2022, 32, 8463-8472.	2.3	4
10	CT and 18F-FDG PET abnormalities in contacts with recent tuberculosis infections but negative chest X-ray. Insights Into Imaging, 2022, 13, .	1.6	4
11	Incidence, risk factors, and prognostic indicators of symptomatic air embolism after percutaneous transthoracic lung biopsy: a systematic review and pooled analysis. European Radiology, 2021, 31, 2022-2033.	2.3	17
12	Bronchovascular bundle thickening on CT as a predictor of survival and brain metastasis in patients with stage IA peripheral small cell lung cancer. Clinical Radiology, 2021, 76, 76.e37-76.e46.	0.5	1
13	Pulmonary Embolism and Deep Vein Thrombosis in COVID-19: A Systematic Review and Meta-Analysis. Radiology, 2021, 298, E70-E80.	3.6	332
14	Variability in interpretation of low-dose chest CT using computerized assessment in a nationwide lung cancer screening program: comparison of prospective reading at individual institutions and retrospective central reading. European Radiology, 2021, 31, 2845-2855.	2.3	9
15	Implementation of the cloud-based computerized interpretation system in a nationwide lung cancer screening with low-dose CT: comparison with the conventional reading system. European Radiology, 2021, 31, 475-485.	2.3	14
16	Cone-Beam CT-Guided Percutaneous Transthoracic Needle Lung Biopsy of Juxtaphrenic Lesions: Diagnostic Accuracy and Complications. Korean Journal of Radiology, 2021, 22, 1203.	1.5	7
17	CT quantification of the heterogeneity of fibrosis boundaries in idiopathic pulmonary fibrosis. European Radiology, 2021, 31, 5148-5159.	2.3	3
18	Tissue Adequacy and Safety of Percutaneous Transthoracic Needle Biopsy for Molecular Analysis in Non-Small Cell Lung Cancer: A Systematic Review and Meta-analysis. Korean Journal of Radiology, 2021, 22, 2082.	1.5	6

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19	Volume and Mass Doubling Time of Lung Adenocarcinoma according to WHO Histologic Classification. Korean Journal of Radiology, 2021, 22, 464.	1.5	14
20	Renal Safety of Repeated Intravascular Administrations of Iodinated or Gadolinium-Based Contrast Media within a Short Interval. Korean Journal of Radiology, 2021, 22, 1547.	1.5	3
21	Automated Lung Segmentation on Chest Computed Tomography Images with Extensive Lung Parenchymal Abnormalities Using a Deep Neural Network. Korean Journal of Radiology, 2021, 22, 476.	1.5	23
22	2020 Clinical Practice Guideline for Percutaneous Transthoracic Needle Biopsy of Pulmonary Lesions: A Consensus Statement and Recommendations of the Korean Society of Thoracic Radiology. Korean Journal of Radiology, 2021, 22, 263.	1.5	31
23	Use of Artificial Intelligence-Based Software as Medical Devices for Chest Radiography: A Position Paper from the Korean Society of Thoracic Radiology. Korean Journal of Radiology, 2021, 22, 1743.	1.5	29
24	Pleural recurrence after transthoracic needle lung biopsy in stage I lung cancer: a systematic review and individual patient-level meta-analysis. Thorax, 2021, 76, 582-590.	2.7	17
25	Diagnostic procedures and clinico-radiological findings of acute fibrinous and organizing pneumonia: a systematic review and pooled analysis. European Radiology, 2021, 31, 7283-7294.	2.3	4
26	Association between sarcopenia level and metabolic syndrome. PLoS ONE, 2021, 16, e0248856.	1.1	38
27	Automatic pulmonary vessel segmentation on noncontrast chest CT: deep learning algorithm developed using spatiotemporally matched virtual noncontrast images and low-keV contrast-enhanced vessel maps. European Radiology, 2021, 31, 9012-9021.	2.3	11
28	COVID-19 pneumonia on chest X-rays: Performance of a deep learning-based computer-aided detection system. PLoS ONE, 2021, 16, e0252440.	1.1	22
29	Fully automated waist circumference measurement on abdominal CT: Comparison with manual measurements and potential value for identifying overweight and obesity as an adjunct output of CT scan. PLoS ONE, 2021, 16, e0254704.	1.1	6
30	Deep Learning to Determine the Activity of Pulmonary Tuberculosis on Chest Radiographs. Radiology, 2021, 301, 435-442.	3.6	20
31	Association of obesity, visceral adiposity, and sarcopenia with an increased risk of metabolic syndrome: A retrospective study. PLoS ONE, 2021, 16, e0256083.	1.1	9
32	Deep neural network for automatic volumetric segmentation of whole-body CT images for body composition assessment. Clinical Nutrition, 2021, 40, 5038-5046.	2.3	47
33	Radiographic severity and treatment outcome of Mycobacterium abscessus complex pulmonary disease. Respiratory Medicine, 2021, 187, 106549.	1.3	2
34	Impact of Computed Tomography-Based, Artificial Intelligence-Driven Volumetric Sarcopenia on Survival Outcomes in Early Cervical Cancer. Frontiers in Oncology, 2021, 11, 741071.	1.3	11
35	Korean Clinical Imaging Guidelines for the Appropriate Use of Chest MRI. Journal of the Korean Society of Radiology, 2021, 82, 562.	0.1	0
36	Association between body fat parameters and arterial stiffness. Scientific Reports, 2021, 11, 20536.	1.6	24

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37	Association of Adipopenia at Preoperative PET/CT with Mortality in Stage I Non–Small Cell Lung Cancer. Radiology, 2021, 301, 645-653.	3.6	16
38	Stratifying the early radiologic trajectory in dyspneic patients with COVID-19 pneumonia. PLoS ONE, 2021, 16, e0259010.	1.1	2
39	Impacts of body composition parameters and liver cirrhosis on the severity of alcoholic acute pancreatitis. PLoS ONE, 2021, 16, e0260309.	1.1	4
40	CT Examinations for COVID-19: A Systematic Review of Protocols, Radiation Dose, and Numbers Needed to Diagnose and Predict. Journal of the Korean Society of Radiology, 2021, 82, 1505.	0.1	2
41	Prognostic role of computed tomography-based, artificial intelligence-driven waist skeletal muscle volume in uterine endometrial carcinoma. Insights Into Imaging, 2021, 12, 192.	1.6	7
42	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
43	Patterns of percutaneous transthoracic needle biopsy (PTNB) of the lung and risk of PTNB-related severe pneumothorax: A nationwide population-based study. PLoS ONE, 2020, 15, e0235599.	1.1	3
44	Anterior Pulmonary Ventilation Abnormalities in COVID-19. Radiology, 2020, 297, E276-E277.	3.6	5
45	Comparison of Chest CT Grading Systems in COVID-19 Pneumonia. Radiology: Cardiothoracic Imaging, 2020, 2, e200492.	0.9	23
46	Treatment Guidance for Patients With Lung Cancer During the Coronavirus 2019 Pandemic. Journal of Thoracic Oncology, 2020, 15, 1119-1136.	0.5	82
47	Chest Radiographic and CT Findings of the 2019 Novel Coronavirus Disease (COVID-19): Analysis of Nine Patients Treated in Korea. Korean Journal of Radiology, 2020, 21, 494.	1.5	496
48	Clustered micronodules as predominant manifestation on CT: A sign of active but indolently evolving pulmonary tuberculosis. PLoS ONE, 2020, 15, e0231537.	1.1	7
49	Can high-risk CT features suggest local recurrence after stereotactic body radiation therapy for lung cancer? A systematic review and meta-analysis. European Journal of Radiology, 2020, 127, 108978.	1.2	5
50	Diagnostic Performance of CT and Reverse Transcriptase Polymerase Chain Reaction for Coronavirus Disease 2019: A Meta-Analysis. Radiology, 2020, 296, E145-E155.	3.6	433
51	Extension of Coronavirus Disease 2019 on Chest CT and Implications for Chest Radiographic Interpretation. Radiology: Cardiothoracic Imaging, 2020, 2, e200107.	0.9	59
52	Right-Angled Traction Bronchiectasis in Differentiating Idiopathic Pulmonary Fibrosis Without Honeycombing From Idiopathic Nonspecific Interstitial Pneumonia. Investigative Radiology, 2020, 55, 387-395.	3.5	2
53	KSR/KSTR Guidelines for the Use of Diagnostic Imaging for COVID-19. Journal of the Korean Society of Radiology, 2020, 81, 577.	0.1	15
54	Implementation of a Deep Learning-Based Computer-Aided Detection System for the Interpretation of Chest Radiographs in Patients Suspected for COVID-19. Korean Journal of Radiology, 2020, 21, 1150.	1.5	41

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55	Fatty liver is an independent risk factor for gallbladder polyps. World Journal of Gastroenterology, 2020, 26, 6979-6992.	1.4	16
56	Establishment of a Nationwide Korean Imaging Cohort of Coronavirus Disease 2019. Journal of Korean Medical Science, 2020, 35, e413.	1.1	14
57	Role of Chest Radiographs and CT Scans and the Application of Artificial Intelligence in Coronavirus Disease 2019. Journal of the Korean Society of Radiology, 2020, 81, 1334.	0.1	2
58	Evolution of Interferon-Gamma Release Assay Results and Submillisievert Chest CT Findings among Close Contacts of Active Pulmonary Tuberculosis Patients. Tuberculosis and Respiratory Diseases, 2020, 83, 283-288.	0.7	2
59	Risk of pleural recurrence after percutaneous transthoracic needle biopsy in stage I non-small-cell lung cancer. European Radiology, 2019, 29, 270-278.	2.3	17
60	CT Characteristics of Non–Small Cell Lung Cancer With Anaplastic Lymphoma Kinase Rearrangement: A Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2019, 213, 1059-1072.	1.0	11
61	Hypersensitivity Reactions to Iodinated Contrast Media: A Multicenter Study of 196 081 Patients. Radiology, 2019, 293, 117-124.	3.6	92
62	Non-diagnostic Results of Percutaneous Transthoracic Needle Biopsy: A Meta-analysis. Scientific Reports, 2019, 9, 12428.	1.6	10
63	Management of Adverse Reactions to Iodinated Contrast Media for Computed Tomography in Korean Referral Hospitals: A Survey Investigation. Korean Journal of Radiology, 2019, 20, 148.	1.5	18
64	Nontuberculous mycobacterial pulmonary disease diagnosed by two methods: a prospective cohort study. BMC Infectious Diseases, 2019, 19, 468.	1.3	8
65	Sleeve Lobectomy for Non–Small Cell Lung Cancers: Predictive CT Features for Resectability and Outcome Analysis. American Journal of Roentgenology, 2019, 213, 807-816.	1.0	5
66	Age‐ and gender‐specific disease distribution and the diagnostic accuracy of CT for resected anterior mediastinal lesions. Thoracic Cancer, 2019, 10, 1378-1387.	0.8	14
67	Development of an algorithm for evaluating the impact of measurement variability on response categorization in oncology trials. BMC Medical Research Methodology, 2019, 19, 90.	1.4	2
68	Learning Curve of C-Arm Cone-beam Computed Tomography Virtual Navigation-Guided Percutaneous Transthoracic Needle Biopsy. Korean Journal of Radiology, 2019, 20, 844.	1.5	4
69	Quantitative Thoracic Magnetic Resonance Criteria for the Differentiation of Cysts from Solid Masses in the Anterior Mediastinum. Korean Journal of Radiology, 2019, 20, 854.	1.5	14
70	Growth of thymic epithelial tumors and thymic cysts: Differential radiological points. Thoracic Cancer, 2019, 10, 864-871.	0.8	6
71	Distinguishing between Thymic Epithelial Tumors and Benign Cysts via Computed Tomography. Korean Journal of Radiology, 2019, 20, 671.	1.5	16
72	Duration of Observation for Detecting a Biphasic Reaction in Anaphylaxis: A Meta-Analysis. International Archives of Allergy and Immunology, 2019, 179, 31-36.	0.9	21

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73	Analysis of Complications of Percutaneous Transthoracic Needle Biopsy Using CT-Guidance Modalities In a Multicenter Cohort of 10568 Biopsies. Korean Journal of Radiology, 2019, 20, 323.	1.5	42
74	Management of incidental anterior mediastinal lesions: summary of relevant studies. Mediastinum, 2019, 3, 9-9.	0.6	4
75	Clinical insights on outcomes of corticosteroid administration in immune checkpoint inhibitor-induced pneumonitis by retrospective case series analysis. ESMO Open, 2019, 4, e000575.	2.0	5
76	Preventive Effect of Changing Contrast Media in Patients With A Prior Mild Immediate Hypersensitivity Reaction to Gadolinium-Based Contrast Agent. Investigative Radiology, 2019, 54, 633-637.	3.5	16
77	Acute Adverse Reactions to Nonionic Iodinated Contrast Media. Investigative Radiology, 2019, 54, 589-599.	3.5	34
78	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. Radiology, 2019, 290, 814-823.	3.6	42
79	Personalized 3D-Printed Model for Informed Consent for Stage I Lung Cancer: A Randomized Pilot Trial. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 316-318.	0.4	29
80	Significant Abnormalities Other than Lung Cancer in Korean Lung Cancer CT Screening. Journal of the Korean Society of Radiology, 2019, 80, 837.	0.1	3
81	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. Korean Journal of Radiology, 2019, 20, 1300.	1.5	42
82	Cone beam computed tomography virtual navigation-guided transthoracic biopsy of small (â‰¤1 cm) pulmonary nodules: impact of nodule visibility during real-time fluoroscopy. British Journal of Radiology, 2018, 91, 20170805.	1.0	9
83	Incidental Anterior Mediastinal Nodular Lesions onÂChest CT in Asymptomatic Subjects. Journal of Thoracic Oncology, 2018, 13, 359-366.	0.5	39
84	Gradient-echo-based 3D submillisecond echo time pulmonary MR imaging: a preliminary usability study on clinical and preclinical MR scanners. British Journal of Radiology, 2018, 91, 20170796.	1.0	1
85	Time-dependent analysis of incidence, risk factors and clinical significance of pneumothorax after percutaneous lung biopsy. European Radiology, 2018, 28, 1328-1337.	2.3	38
86	Biphasic and protracted anaphylaxis to iodinated contrast media. European Radiology, 2018, 28, 1242-1252.	2.3	25
87	Risk factors for haemoptysis after percutaneous transthoracic needle biopsies in 4,172 cases: Focusing on the effects of enlarged main pulmonary artery diameter. European Radiology, 2018, 28, 1410-1419.	2.3	19
88	Repeat biopsy of patients with acquired resistance to EGFR TKIs: implications of biopsy-related factors on T790M mutation detection. European Radiology, 2018, 28, 861-868.	2.3	20
89	Cone-Beam CT Virtual Navigation-Guided Percutaneous Needle Biopsy of Suspicious Pleural Metastasis: A Pilot Study. Korean Journal of Radiology, 2018, 19, 872.	1.5	4
90	Virtual reality-assisted localization and three-dimensional printing-enhanced multidisciplinary decision to treat radiologically occult superficial endobronchial lung cancer. Thoracic Cancer, 2018, 9, 1525-1527.	0.8	8

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91	Bronchovascular injury associated with clinically significant hemoptysis after CT-guided core biopsy of the lung: Radiologic and histopathologic analysis. PLoS ONE, 2018, 13, e0204064.	1.1	11
92	Diagnosis of Idiopathic Pulmonary Fibrosis in a Possible Usual Interstitial Pneumonia Pattern: a meta-analysis. Scientific Reports, 2018, 8, 15886.	1.6	6
93	Inspiratory Lung Expansion in Patients with Interstitial Lung Disease: CT Histogram Analyses. Scientific Reports, 2018, 8, 15265.	1.6	5
94	Open Bronchus Sign on CT: A Risk Factor for Hemoptysis after Percutaneous Transthoracic Biopsy. Korean Journal of Radiology, 2018, 19, 880.	1.5	7
95	Application of Deconvolution Algorithm of Point Spread Function in Improving Image Quality: An Observer Preference Study on Chest Radiography. Korean Journal of Radiology, 2018, 19, 147.	1.5	6
96	Immediate Mild Reactions to CT with Iodinated Contrast Media: Strategy of Contrast Media Readministration without Corticosteroids. Radiology, 2018, 288, 710-716.	3.6	46
97	*In-vivo* Visualization of Iron Oxide Enhancement in Focal Pulmonary Inflammatory Lesions Using a Three-Dimensional Radial Gradient-Echo-Based Ultrashort Echo Time Sequence: A Preliminary Study. Korean Journal of Radiology, 2018, 19, 153.	1.5	1
98	Nausea and vomiting after exposure to non-ionic contrast media: incidence and risk factors focusing on preparatory fasting. British Journal of Radiology, 2018, 91, 20180107.	1.0	11
99	Incidence of Breakthrough Reaction in Patients with Prior Acute Allergic-Like Reactions to Iodinated Contrast Media according to the Administration Route. Korean Journal of Radiology, 2018, 19, 352.	1.5	13
100	Retrospective assessment of interobserver agreement and accuracy in classifications and measurements in subsolid nodules with solid components less than 8mm: which window setting is better?. European Radiology, 2017, 27, 1369-1376.	2.3	27
101	Submillisievert Computed Tomography of the Chest in Contact Investigation for Drug-Resistant Tuberculosis. Journal of Korean Medical Science, 2017, 32, 1779.	1.1	10
102	Characteristics associated with progression in patients with of nontuberculous mycobacterial lung disease : a prospective cohort study. BMC Pulmonary Medicine, 2017, 17, 5.	0.8	40
103	Implication of species change of Nontuberculous Mycobacteria during or after treatment. BMC Pulmonary Medicine, 2017, 17, 213.	0.8	11
104	Ossification of the Medial Clavicular Epiphysis on Chest Radiographs: Utility and Diagnostic Accuracy in Identifying Korean Adolescents and Young Adults under the Age of Majority. Journal of Korean Medical Science, 2016, 31, 1538.	1.1	7
105	A radial sampling strategy for uniform *k*‑space coverage with retrospective respiratory gating in 3D ultrashort‑echo‑time lung imaging. NMR in Biomedicine, 2016, 29, 576-587.	1.6	15
106	Tumor Heterogeneity in Lung Cancer: Assessment with Dynamic Contrast-enhanced MR Imaging. Radiology, 2016, 280, 940-948.	3.6	52
107	Observer variability in RECIST-based tumour burden measurements: a meta-analysis. European Journal of Cancer, 2016, 53, 5-15.	1.3	59
108	Preoperative staging of non-small cell lung cancer: prospective comparison of PET/MR and PET/CT. European Radiology, 2016, 26, 3850-3857.	2.3	58

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109	Feasibility of Using Volumetric Contrast-Enhanced Ultrasound with a 3-D Transducer to Evaluate Therapeutic Response after Targeted Therapy in Rabbit Hepatic VX2 Carcinoma. Ultrasound in Medicine and Biology, 2015, 41, 3131-3139.	0.7	4
110	PET/MR Imaging for Chest Diseases. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 245-259.	0.6	8
111	Influence of Chronic Sinusitis and Nasal Polyp on the Lower Airway of Subjects Without Lower Airway Diseases. Allergy, Asthma and Immunology Research, 2014, 6, 310.	1.1	12
112	Computer-Aided Classification of Visual Ventilation Patterns in Patients with Chronic Obstructive Pulmonary Disease at Two-Phase Xenon-Enhanced CT. Korean Journal of Radiology, 2014, 15, 386.	1.5	8
113	Imaging Features to Distinguish Malignant and Benign Branch-Duct Type Intraductal Papillary Mucinous Neoplasms of the Pancreas. Annals of Surgery, 2014, 259, 72-81.	2.1	160
114	Positron Emission Tomography/Magnetic Resonance Imaging Evaluation of Lung Cancer. Journal of Thoracic Imaging, 2014, 29, 4-16.	0.8	33
115	Quantitative thoracic CT techniques in adults: can they be applied in the pediatric population?. Pediatric Radiology, 2013, 43, 308-314.	1.1	12
116	Detection of Small (≤20 mm) Pancreatic Adenocarcinoma: Histologic Grading and CT Enhancement Features. Radiology, 2012, 262, 1044-1045.	3.6	6
117	Impact of sputum gross appearance and volume on smear positivity of pulmonary tuberculosis: a prospective cohort study. BMC Infectious Diseases, 2012, 12, 172.	1.3	28
118	Intrahepatic Mass-forming Cholangiocarcinomas: Enhancement Patterns at Multiphasic CT, with Special Emphasis on Arterial Enhancement Pattern—Correlation with Clinicopathologic Findings. Radiology, 2011, 260, 148-157.	3.6	200
119	Small (≤20 mm) Pancreatic Adenocarcinomas: Analysis of Enhancement Patterns and Secondary Signs with Multiphasic Multidetector CT. Radiology, 2011, 259, 442-452.	3.6	212
120	Pulmonary aspergillosis in immunocompetent patients without air-meniscus sign and underlying lung disease: CT findings and histopathologic features. Acta Radiologica, 2011, 52, 756-761.	0.5	29
121	Real-time contrast-enhanced ultrasound-guided biopsy of focal hepatic lesions not localised on B-mode ultrasound. European Radiology, 2010, 20, 2047-2056.	2.3	62
122	Medical Ethics in Radiology. Journal of the Korean Society of Radiology, 2010, 62, 311.	0.1	1
123	Multiphasic MDCT Enhancement Pattern of Hepatocellular Carcinoma Smaller Than 3 cm in Diameter: Tumor Size and Cellular Differentiation. American Journal of Roentgenology, 2009, 193, W482-W489.	1.0	113
124	Comparison Study of Different Bowel Preparation Regimens and Different Fecal-Tagging Agents on Tagging Efficacy, Patients' Compliance, and Diagnostic Performance of Computed Tomographic Colonography. Journal of Computer Assisted Tomography, 2009, 33, 657-665.	0.5	9