

# So Hyeon Bak

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

670  
citations

759233

12  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal monitoring of EGFR mutations in plasma predicts outcomes of NSCLC patients treated with EGFR TKIs: Korean Lung Cancer Consortium (KLCC-12-02). <i>Oncotarget</i> , 2016, 7, 6984-6993.	1.8	134
2	Validation of Deep-Learning Image Reconstruction for Low-Dose Chest Computed Tomography Scan: Emphasis on Image Quality and Noise. <i>Korean Journal of Radiology</i> , 2021, 22, 131.	3.4	88
3	Quantitative CT Scanning Analysis of Pure Ground-Glass Opacity Nodules Predicts Further CT Scanning Change. <i>Chest</i> , 2016, 149, 180-191.	0.8	75
4	Computed tomography-derived area and density of pectoralis muscle associated disease severity and longitudinal changes in chronic obstructive pulmonary disease: a case control study. <i>Respiratory Research</i> , 2019, 20, 226.	3.6	47
5	A 3D-CNN model with CT-based parametric response mapping for classifying COPD subjects. <i>Scientific Reports</i> , 2021, 11, 34.	3.3	40
6	Radiomics in Lung Cancer from Basic to Advanced: Current Status and Future Directions. <i>Korean Journal of Radiology</i> , 2020, 21, 159.	3.4	29
7	CT Radiomics in Thoracic Oncology: Technique and Clinical Applications. <i>Nuclear Medicine and Molecular Imaging</i> , 2018, 52, 91-98.	1.0	22
8	Imaging genotyping of functional signaling pathways in lung squamous cell carcinoma using a radiomics approach. <i>Scientific Reports</i> , 2018, 8, 3284.	3.3	20
9	Long-term exposure to PM10 and NO2 in relation to lung function and imaging phenotypes in a COPD cohort. <i>Respiratory Research</i> , 2020, 21, 247.	3.6	20
10	Differences in chronic obstructive pulmonary disease phenotypes between non-smokers and smokers. <i>Clinical Respiratory Journal</i> , 2018, 12, 666-673.	1.6	16
11	Inflammatory biomarkers and radiologic measurements in never-smokers with COPD: A cross-sectional study from the CODA cohort. <i>Chronic Respiratory Disease</i> , 2018, 15, 138-145.	2.4	14
12	Prognostic Impact of Longitudinal Monitoring of Radiomic Features in Patients with Advanced Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2019, 9, 8730.	3.3	14
13	Emphysema quantification using low-dose computed tomography with deep learning-based kernel conversion comparison. <i>European Radiology</i> , 2020, 30, 6779-6787.	4.5	14
14	Establishment of a Nationwide Korean Imaging Cohort of Coronavirus Disease 2019. <i>Journal of Korean Medical Science</i> , 2020, 35, e413.	2.5	14
15	Computed tomographic findings of chest injuries following cardiopulmonary resuscitation. <i>Medicine (United States)</i> , 2020, 99, e21685.	1.0	13
16	Quantitative assessment the longitudinal changes of pulmonary vascular counts in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2022, 23, 29.	3.6	13
17	Diagnosis of bronchial artery aneurysm by computed tomography: a case report. <i>Radiology Case Reports</i> , 2017, 12, 455-459.	0.6	9
18	Overlaps and uncertainties of smoking-related idiopathic interstitial pneumonias. <i>International Journal of COPD</i> , 2017, Volume 12, 3221-3229.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Predicting clinical outcome with phenotypic clusters using quantitative CT fibrosis and emphysema features in patients with idiopathic pulmonary fibrosis. PLoS ONE, 2019, 14, e0215303.	2.5	9
20	Computed tomography-based visual assessment of chronic obstructive pulmonary disease: comparison with pulmonary function test and quantitative computed tomography. Journal of Thoracic Disease, 2021, 13, 1495-1506.	1.4	9
21	Quantitative computed tomography features and clinical manifestations associated with the extent of bronchiectasis in patients with moderate-to-severe COPD. International Journal of COPD, 2018, Volume 13, 1421-1431.	2.3	8
22	Imaging findings of <i>Stenotrophomonas maltophilia</i> pneumonia: emphasis on CT findings between immunocompromised and immunocompetent patients. Acta Radiologica, 2020, 61, 903-909.	1.1	8
23	Appropriate Minimal Dose of Gadobutrol for 3D Time-Resolved MRA of the Supra-Aortic Arteries: Comparison with Conventional Single-Phase High-Resolution 3D Contrast-Enhanced MRA. American Journal of Neuroradiology, 2017, 38, 1383-1390.	2.4	7
24	Quantitative CT-based structural alterations of segmental airways in cement dust-exposed subjects. Respiratory Research, 2020, 21, 133.	3.6	7
25	Perilesional emphysema as a predictor of risk of complications from computed tomography-guided transthoracic lung biopsy. Japanese Journal of Radiology, 2019, 37, 808-816.	2.4	6
26	Incidence and risk factors for sternal osteomyelitis after median sternotomy. Journal of Thoracic Disease, 2022, 14, 962-968.	1.4	5
27	A comparative study of chest CT findings regarding the effects of regional dust exposure on patients with COPD living in urban areas and rural areas near cement plants. Respiratory Research, 2021, 22, 43.	3.6	4
28	Association between plasma sRAGE and emphysema according to the genotypes of AGER gene. BMC Pulmonary Medicine, 2022, 22, 58.	2.0	4
29	Magnetic resonance imaging for lung cancer: a state-of-the-art review. Precision and Future Medicine, 2022, 6, 49-77.	1.6	4
30	A genome-wide association study of quantitative computed tomographic emphysema in Korean populations. Scientific Reports, 2021, 11, 16692.	3.3	2
31	Semiautomated Analysis of Aortic Stenosis Parameters on Velocity-Encoded Phase-Contrast MR Images in Patients with Severe Aortic Stenosis: A Comparison with Echocardiography. Cardiovascular Imaging Asia, 2017, 1, 78.	0.1	2
32	Quantitative computed tomography imaging-based classification of cement dust-exposed subjects with an artificial neural network technique. Computers in Biology and Medicine, 2022, 141, 105162.	7.0	2
33	Structural and functional alterations of subjects with cement dust exposure: A longitudinal quantitative computed tomography-based study. Science of the Total Environment, 2022, 837, 155812.	8.0	2
34	Response. Chest, 2016, 149, 1587-1588.	0.8	0
35	Accompanying Pulmonary Arteriovenous Malformation in Patient with Hydatidiform Mole: A Case Report. Journal of the Korean Society of Radiology, 2017, 77, 339.	0.2	0
36	Word Embedding Reveals Cyfra 21-1 as a Biomarker for Chronic Obstructive Pulmonary Disease. Journal of Korean Medical Science, 2021, 36, e224.	2.5	0

#	ARTICLE	IF	CITATIONS
37	A Pictorial Review of Radiologic Findings of Foreign Bodies in the Thorax. Journal of the Korean Society of Radiology, 2022, 83, 293.	0.2	0
38	Tuberculosis-Infected Giant Bulla Treated by Percutaneous Drainage Followed by Obliteration of the Pulmonary Cavity Using Talc: Case Report. Journal of Chest Surgery, 2021, 54, 408-411.	0.5	0
39	Tuberculosis-Infected Giant Bulla Treated by Percutaneous Drainage Followed by Obliteration of the Pulmonary Cavity Using Talc. Korean Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.6	0