# So Hyeon Bak

List of Publications by Year
in descending order

| 39 | 670 | 759233 | 580821 |
|---|---|---|---|
| papers | citations | 12 | 25 |
| | | h-index | g-index |

| 41 | 41 | 41 | 1182 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Association between plasma sRAGE and emphysema according to the genotypes of AGER gene. BMC Pulmonary Medicine, 2022, 22, 58. | 2.0 | 4 |
| 4 | Incidence and risk factors for sternal osteomyelitis after median sternotomy. Journal of Thoracic Disease, 2022, 14, 962-968. | 1.4 | 5 |
| 5 | Quantitative assessment the longitudinal changes of pulmonary vascular counts in chronic obstructive pulmonary disease. Respiratory Research, 2022, 23, 29. | 3.6 | 13 |
| 6 | Magnetic resonance imaging for lung cancer: a state-of-the-art review. Precision and Future Medicine, 2022, 6, 49-77. | 1.6 | 4 |
| 7 | 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 |
| 8 | Validation of Deep-Learning Image Reconstruction for Low-Dose Chest Computed Tomography Scan: Emphasis on Image Quality and Noise. Korean Journal of Radiology, 2021, 22, 131. | 3.4 | 88 |
| 9 | 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 |
| 10 | A 3D-CNN model with CT-based parametric response mapping for classifying COPD subjects. Scientific Reports, 2021, 11, 34. | 3.3 | 40 |
| 11 | 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 |
| 12 | 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 |
| 13 | A genome-wide association study of quantitative computed tomographic emphysema in Korean populations. Scientific Reports, 2021, 11, 16692. | 3.3 | 2 |
| 14 | 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 |
| 15 | Imaging findings of *Stenotrophomonas maltophilia* pneumonia: emphasis on CT findings between immunocompromised and immunocompetent patients. Acta Radiologica, 2020, 61, 903-909. | 1.1 | 8 |
| 16 | Long-term exposure to PM10 and NO2 in relation to lung function and imaging phenotypes in a COPD cohort. Respiratory Research, 2020, 21, 247. | 3.6 | 20 |
| 17 | Computed tomographic findings of chest injuries following cardiopulmonary resuscitation. Medicine (United States), 2020, 99, e21685. | 1.0 | 13 |
| 18 | Quantitative CT-based structural alterations of segmental airways in cement dust-exposed subjects. Respiratory Research, 2020, 21, 133. | 3.6 | 7 |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 19 | Emphysema quantification using low-dose computed tomography with deep learning–based kernel conversion comparison. European Radiology, 2020, 30, 6779-6787. | 4.5 | 14 |
| 20 | Radiomics in Lung Cancer from Basic to Advanced: Current Status and Future Directions. Korean Journal of Radiology, 2020, 21, 159. | 3.4 | 29 |
| 21 | Establishment of a Nationwide Korean Imaging Cohort of Coronavirus Disease 2019. Journal of Korean Medical Science, 2020, 35, e413. | 2.5 | 14 |
| 22 | 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 |
| 23 | Computed tomography-derived area and density of pectoralis muscle associated disease severity and longitudinal changes in chronic obstructive pulmonary disease: a case control study. Respiratory Research, 2019, 20, 226. | 3.6 | 47 |
| 24 | 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 |
| 25 | Prognostic Impact of Longitudinal Monitoring of Radiomic Features in Patients with Advanced Non-Small Cell Lung Cancer. Scientific Reports, 2019, 9, 8730. | 3.3 | 14 |
| 26 | 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 |
| 27 | Imaging genotyping of functional signaling pathways in lung squamous cell carcinoma using a radiomics approach. Scientific Reports, 2018, 8, 3284. | 3.3 | 20 |
| 28 | CT Radiomics in Thoracic Oncology: Technique and Clinical Applications. Nuclear Medicine and Molecular Imaging, 2018, 52, 91-98. | 1.0 | 22 |
| 29 | Differences in chronic obstructive pulmonary disease phenotypes between non–smokers and smokers. Clinical Respiratory Journal, 2018, 12, 666-673. | 1.6 | 16 |
| 30 | Inflammatory biomarkers and radiologic measurements in never-smokers with COPD: A cross-sectional study from the CODA cohort. Chronic Respiratory Disease, 2018, 15, 138-145. | 2.4 | 14 |
| 31 | 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 |
| 32 | 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 |
| 33 | Diagnosis of bronchial artery aneurysm by computed tomography: a case report. Radiology Case Reports, 2017, 12, 455-459. | 0.6 | 9 |
| 34 | Overlaps and uncertainties of smoking-related idiopathic interstitial pneumonias. International Journal of COPD, 2017, Volume 12, 3221-3229. | 2.3 | 9 |
| 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 | 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 |

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|---|---------|-----|-----------|
| 37 | Longitudinal monitoring of EGFR mutations in plasma predicts outcomes of NSCLC patients treated with EGFR TKIs: Korean Lung Cancer Consortium (KLCC-12-02). Oncotarget, 2016, 7, 6984-6993. | 1.8 | 134 |
| 38 | Response. Chest, 2016, 149, 1587-1588. | 0.8 | 0 |
| 39 | Quantitative CT Scanning Analysis of Pure Ground-Glass Opacity Nodules Predicts Further CT Scanning Change. Chest, 2016, 149, 180-191. | 0.8 | 75 |