

Sang Min Lee

List of Publications by Year in descending order

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Version: 2024-02-01

157
papers

3,524
citations

172207

29
h-index

182168

51
g-index

159
all docs

159
docs citations

159
times ranked

4178
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of computer-aided diagnosis for Lung-RADS categorization in CT screening for lung cancer: effect on inter-reader agreement. <i>European Radiology</i> , 2022, 32, 1054-1064.	2.3	10
2	Identification of predictors for brain metastasis in newly diagnosed non-small cell lung cancer: a single-center cohort study. <i>European Radiology</i> , 2022, 32, 990-1001.	2.3	5
3	Learning Curve for CT-Guided Percutaneous Transthoracic Needle Biopsy: Retrospective Evaluation Among 17 Thoracic Imaging Fellows at a Tertiary Referral Hospital. <i>American Journal of Roentgenology</i> , 2022, 218, 112-123.	1.0	6
4	Body CT and PET/CT detection of extracranial lymphoma in patients with newly diagnosed central nervous system lymphoma. <i>Neuro-Oncology</i> , 2022, 24, 482-491.	0.6	3
5	Content-based Image Retrieval by Using Deep Learning for Interstitial Lung Disease Diagnosis with Chest CT. <i>Radiology</i> , 2022, 302, 187-197.	3.6	56
6	Utility of a Deep Learning Algorithm for Detection of Reticular Opacity on Chest Radiography in Patients With Interstitial Lung Disease. <i>American Journal of Roentgenology</i> , 2022, 218, 642-650.	1.0	9
7	Multi-task vision transformer using low-level chest X-ray feature corpus for COVID-19 diagnosis and severity quantification. <i>Medical Image Analysis</i> , 2022, 75, 102299.	7.0	69
8	Volume Doubling Times of Pulmonary Metastases in Patients With Bone and Soft-Tissue Sarcomas: Associations With Subsequent New Metastases and Survival After Metastasectomy. <i>American Journal of Roentgenology</i> , 2022, 218, 624-632.	1.0	3
9	Association between Unc-51-like autophagy activating kinase 2 gene polymorphisms and schizophrenia in the Korean population. <i>Medicine (United States)</i> , 2022, 101, e28745.	0.4	4
10	Differences in the prognostic implication of ground-glass opacity on CT according to pathological nodal status in lung cancers treated with lobectomy or pneumonectomy. <i>European Radiology</i> , 2022, 32, 4405-4413.	2.3	5
11	Prognosis for Pneumonic-Type Invasive Mucinous Adenocarcinoma in a Single Lobe on CT: Is It Reasonable to Designate It as Clinical T3?. <i>Korean Journal of Radiology</i> , 2022, 23, 370.	1.5	4
12	Enhancing deep learning based classifiers with inpainting anatomical side markers (L/R markers) for multi-center trials. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 220, 106705.	2.6	5
13	Dysfunctional coronavirus anxiety in nonpsychotic psychiatric outpatients during the COVID-19 pandemic: A network analysis. <i>Depression and Anxiety</i> , 2022, , .	2.0	8
14	Deep Learning Prediction of Survival in Patients with Chronic Obstructive Pulmonary Disease Using Chest Radiographs. <i>Radiology</i> , 2022, 305, 199-208.	3.6	12
15	Self-evolving vision transformer for chest X-ray diagnosis through knowledge distillation. <i>Nature Communications</i> , 2022, 13, .	5.8	18
16	Performance of radiomics models for survival prediction in non-small-cell lung cancer: influence of CT slice thickness. <i>European Radiology</i> , 2021, 31, 2856-2865.	2.3	11
17	Recent Updates on Electro-Convulsive Therapy in Patients with Depression. <i>Psychiatry Investigation</i> , 2021, 18, 1-10.	0.7	15
18	Pleuropulmonary Blastoma with Hotspot Mutations in RNase IIIb Domain of DICER 1: Clinicopathologic Study of 10 Cases in a Single-Institute Experience. <i>Pathobiology</i> , 2021, 88, 251-260.	1.9	3

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19	Content-Based Image Retrieval of Chest CT with Convolutional Neural Network for Diffuse Interstitial Lung Disease: Performance Assessment in Three Major Idiopathic Interstitial Pneumonias. Korean Journal of Radiology, 2021, 22, 281.	1.5	18
20	Dual-Energy CT for Pulmonary Embolism: Current and Evolving Clinical Applications. Korean Journal of Radiology, 2021, 22, 1555.	1.5	20
21	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
22	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
23	New Method for Combined Quantitative Assessment of Air-Trapping and Emphysema on Chest Computed Tomography in Chronic Obstructive Pulmonary Disease: Comparison with Parametric Response Mapping. Korean Journal of Radiology, 2021, 22, 1719.	1.5	8
24	Predictive factors of recurrence after resection of subsolid clinical stage IA lung adenocarcinoma. Thoracic Cancer, 2021, 12, 941-948.	0.8	2
25	Deep learning-based differentiation of invasive adenocarcinomas from preinvasive or minimally invasive lesions among pulmonary subsolid nodules. European Radiology, 2021, 31, 6239-6247.	2.3	8
26	Economic burden of eating disorders in South Korea. Journal of Eating Disorders, 2021, 9, 30.	1.3	9
27	Use of a Commercially Available Deep Learning Algorithm to Measure the Solid Portions of Lung Cancer Manifesting as Subsolid Lesions at CT: Comparisons with Radiologists and Invasive Component Size at Pathologic Examination. Radiology, 2021, 299, 202-210.	3.6	15
28	Radiomics approach for survival prediction in chronic obstructive pulmonary disease. European Radiology, 2021, 31, 7316-7324.	2.3	11
29	Computer-aided Detection of Subsolid Nodules at Chest CT: Improved Performance with Deep Learning-based CT Section Thickness Reduction. Radiology, 2021, 299, 211-219.	3.6	11
30	Trisomy 8 Associated Behçet's-Like Disease. Journal of Rheumatic Diseases, 2021, 28, 107-109.	0.4	0
31	Added Value of Deep Learning-based Detection System for Multiple Major Findings on Chest Radiographs: A Randomized Crossover Study. Radiology, 2021, 299, 450-459.	3.6	42
32	CT radiomics-based prediction of anaplastic lymphoma kinase and epidermal growth factor receptor mutations in lung adenocarcinoma. European Journal of Radiology, 2021, 139, 109710.	1.2	13
33	Deep radiomics-based survival prediction in patients with chronic obstructive pulmonary disease. Scientific Reports, 2021, 11, 15144.	1.6	14
34	Development of Brain Metastases in Patients With Non-Small Cell Lung Cancer and No Brain Metastases at Initial Staging Evaluation: Cumulative Incidence and Risk Factor Analysis. American Journal of Roentgenology, 2021, 217, 1184-1193.	1.0	13
35	Prognostic performance in lung cancer according to tumor size: Comparison of axial, multiplanar, and 3-dimensional CT measurement to pathological size. European Journal of Radiology, 2021, 144, 109976.	1.2	0
36	Optimal number of strong labels for curriculum learning with convolutional neural network to classify pulmonary abnormalities in chest radiographs. Computers in Biology and Medicine, 2021, 136, 104750.	3.9	8

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37	Hospital-Based Case Management for Suicide High-Risk Group Using Delphi Survey. <i>Psychiatry Investigation</i> , 2021, 18, 986-996.	0.7	1
38	Dienogest-induced major depressive disorder with suicidal ideation. <i>Medicine (United States)</i> , 2021, 100, e27456.	0.4	3
39	Clinical Impact of the Bronchiectasis with Chronic Bronchitis Symptoms in COPD: Analysis of a Longitudinal Cohort. <i>International Journal of COPD</i> , 2021, Volume 16, 2997-3008.	0.9	4
40	Functional Assessment of COPD. <i>Medical Radiology</i> , 2021, , 125-151.	0.0	0
41	Applications of artificial intelligence in the thorax: a narrative review focusing on thoracic radiology. <i>Journal of Thoracic Disease</i> , 2021, 13, 6943-6962.	0.6	10
42	Hook-wire localization versus lipiodol localization for patients with pulmonary lesions having ground-glass opacity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1571-1579.e2.	0.4	19
43	Effects of sirolimus in lymphangioliomyomatosis patients on lung cysts and pulmonary function: long-term follow-up observational study. <i>European Radiology</i> , 2020, 30, 735-743.	2.3	3
44	Combination of intraoperative radiofrequency ablation and surgical resection for treatment of cholangiocarcinoma: feasibility and long-term survival. <i>Diagnostic and Interventional Radiology</i> , 2020, 26, 45-52.	0.7	5
45	Development of a CT imaging phantom of anthropomorphic lung using fused deposition modeling 3D printing. <i>Medicine (United States)</i> , 2020, 99, e18617.	0.4	24
46	Estimating the Growth Rate of Lung Metastases in Differentiated Thyroid Carcinoma: Response Evaluation Criteria in Solid Tumors or Doubling Time?. <i>Thyroid</i> , 2020, 30, 418-424.	2.4	3
47	Deep learning-based detection system for multiclass lesions on chest radiographs: comparison with observer readings. <i>European Radiology</i> , 2020, 30, 1359-1368.	2.3	61
48	Association of Bacillus Calmette-Guérin shortages with bladder cancer recurrence: A single-center retrospective study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 851.e11-851.e17.	0.8	8
49	Reproducibility of abnormality detection on chest radiographs using convolutional neural network in paired radiographs obtained within a short-term interval. <i>Scientific Reports</i> , 2020, 10, 17417.	1.6	9
50	Diagnostic Yield of Staging Brain MRI in Patients with Newly Diagnosed Non-Small Cell Lung Cancer. <i>Radiology</i> , 2020, 297, 419-427.	3.6	21
51	Feature optimization method for machine learning-based diagnosis of schizophrenia using magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2020, 338, 108688.	1.3	8
52	Outcome prediction in resectable lung adenocarcinoma patients: value of CT radiomics. <i>European Radiology</i> , 2020, 30, 4952-4963.	2.3	23
53	Optimal matrix size of chest radiographs for computer-aided detection on lung nodule or mass with deep learning. <i>European Radiology</i> , 2020, 30, 4943-4951.	2.3	17
54	Differentiation of predominant subtypes of lung adenocarcinoma using a quantitative radiomics approach on CT. <i>European Radiology</i> , 2020, 30, 4883-4892.	2.3	27

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55	Volume Doubling Times of Lung Adenocarcinomas: Correlation with Predominant Histologic Subtypes and Prognosis. <i>Radiology</i> , 2020, 295, 703-712.	3.6	38
56	Assessment of the Robustness of Convolutional Neural Networks in Labeling Noise by Using Chest X-Ray Images From Multiple Centers. <i>JMIR Medical Informatics</i> , 2020, 8, e18089.	1.3	11
57	Psychosocial Support during the COVID-19 Outbreak in Korea: Activities of Multidisciplinary Mental Health Professionals. <i>Journal of Korean Medical Science</i> , 2020, 35, e211.	1.1	35
58	Quantitative Vertebral Bone Density Seen on Chest CT in Chronic Obstructive Pulmonary Disease Patients: Association with Mortality in the Korean Obstructive Lung Disease Cohort. <i>Korean Journal of Radiology</i> , 2020, 21, 880.	1.5	6
59	Establishment of a Nationwide Korean Imaging Cohort of Coronavirus Disease 2019. <i>Journal of Korean Medical Science</i> , 2020, 35, e413.	1.1	14
60	Visual and Quantitative Assessments of Regional Xenon-Ventilation Using Dual-Energy CT in Asthma-Chronic Obstructive Pulmonary Disease Overlap Syndrome: A Comparison with Chronic Obstructive Pulmonary Disease. <i>Korean Journal of Radiology</i> , 2020, 21, 1104.	1.5	10
61	A Recognition Survey by Psychiatry Residents and Psychiatrists Regarding the Quality of Residency Training and Clinical Competence in Korea. <i>Journal of Korean Neuropsychiatric Association</i> , 2020, 59, 148.	0.2	2
62	Prognostic value of radiomic analysis of iodine overlay maps from dual-energy computed tomography in patients with resectable lung cancer. <i>European Radiology</i> , 2019, 29, 915-923.	2.3	29
63	Low morphometric complexity of emphysematous lesions predicts survival in chronic obstructive pulmonary disease patients. <i>European Radiology</i> , 2019, 29, 176-185.	2.3	4
64	Effects of emphysema on physiological and prognostic characteristics of lung function in idiopathic pulmonary fibrosis. <i>Respirology</i> , 2019, 24, 55-62.	1.3	24
65	Lung Segmentation on HRCT and Volumetric CT for Diffuse Interstitial Lung Disease Using Deep Convolutional Neural Networks. <i>Journal of Digital Imaging</i> , 2019, 32, 1019-1026.	1.6	79
66	Ghrelin in Alzheimer's disease: Pathologic roles and therapeutic implications. <i>Ageing Research Reviews</i> , 2019, 55, 100945.	5.0	34
67	Deep Learning-based Image Conversion of CT Reconstruction Kernels Improves Radiomics Reproducibility for Pulmonary Nodules or Masses. <i>Radiology</i> , 2019, 292, 365-373.	3.6	198
68	Feasibility, safety, and adequacy of research biopsies for cancer clinical trials at an academic medical center. <i>PLoS ONE</i> , 2019, 14, e0221065.	1.1	11
69	A Curriculum Learning Strategy to Enhance the Accuracy of Classification of Various Lesions in Chest-PA X-ray Screening for Pulmonary Abnormalities. <i>Scientific Reports</i> , 2019, 9, 15352.	1.6	12
70	Assessment Of Changes In Regional Xenon-Ventilation, Perfusion, And Ventilation-Perfusion Mismatch Using Dual-Energy Computed Tomography After Pharmacological Treatment In Patients With Chronic Obstructive Pulmonary Disease: Visual And Quantitative Analysis. <i>International Journal of COPD</i> , 2019, Volume 14, 2195-2203.	0.9	8
71	Differentiation Between Lymphangioliomyomatosis and Birt-Hogg-Dubé Syndrome: Analysis of Pulmonary Cysts on CT Images. <i>American Journal of Roentgenology</i> , 2019, 212, 766-772.	1.0	13
72	Prediction of Treatment Response in Patients with Chronic Obstructive Pulmonary Disease by Determination of Airway Dimensions with Baseline Computed Tomography. <i>Korean Journal of Radiology</i> , 2019, 20, 304.	1.5	8

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73	CT Image Conversion among Different Reconstruction Kernels without a Sinogram by Using a Convolutional Neural Network. Korean Journal of Radiology, 2019, 20, 295.	1.5	30
74	Prediction of Pulmonary Function in Patients with Chronic Obstructive Pulmonary Disease: Correlation with Quantitative CT Parameters. Korean Journal of Radiology, 2019, 20, 683.	1.5	29
75	Application of deep learning-based computer-aided detection system: detecting pneumothorax on chest radiograph after biopsy. European Radiology, 2019, 29, 5341-5348.	2.3	58
76	Analytical and Clinical Performance of the Nanopia Krebs von den Lungen 6 Assay in Korean Patients With Interstitial Lung Diseases. Annals of Laboratory Medicine, 2019, 39, 245-251.	1.2	8
77	Deep Learning Algorithm for Reducing CT Slice Thickness: Effect on Reproducibility of Radiomic Features in Lung Cancer. Korean Journal of Radiology, 2019, 20, 1431.	1.5	47
78	Survey on the Environment and Condition of Korean Psychiatric Residents from 2016 to 2017 Years. Journal of Korean Neuropsychiatric Association, 2019, 58, 216.	0.2	3
79	Deep Learning Applications in Chest Radiography and Computed Tomography. Journal of Thoracic Imaging, 2019, 34, 75-85.	0.8	90
80	Short-term Reproducibility of Pulmonary Nodule and Mass Detection in Chest Radiographs: Comparison among Radiologists and Four Different Computer-Aided Detections with Convolutional Neural Net. Scientific Reports, 2019, 9, 18738.	1.6	18
81	Hybrid Airway Segmentation Using Multi-Scale Tubular Structure Filters and Texture Analysis on 3D Chest CT Scans. Journal of Digital Imaging, 2019, 32, 779-792.	1.6	7
82	Effect of inferior pulmonary ligament division on residual lung volume and function after a right upper lobectomy. Interactive Cardiovascular and Thoracic Surgery, 2019, 28, 760-766.	0.5	12
83	Altered resting-state functional connectivity in depressive disorder patients with suicidal attempts. Neuroscience Letters, 2019, 696, 174-178.	1.0	12
84	Development of Korean Disaster Mental Health Support Guidelines: Results of a Scoping Review and a Delphi Survey. Psychiatry Investigation, 2019, 16, 130-138.	0.7	7
85	Differences in Personality, Defense Styles, and Coping Strategies in Individuals with Depressive Disorder According to Age Groups Across the Lifespan. Psychiatry Investigation, 2019, 16, 911-918.	0.7	12
86	Relationship between Psychological Correlates and Empathy in Medical Students: A Cross-Sectional Study. Psychiatry Investigation, 2019, 16, 766-772.	0.7	6
87	Analytical and Clinical Performance of the Nanopia Krebs von den Lungen 6 Assay in Korean Patients With Interstitial Lung Diseases. Annals of Laboratory Medicine, 2019, 39, 245.	1.2	1
88	Application of Artificial Intelligence in Lung Cancer Screening. Journal of the Korean Society of Radiology, 2019, 80, 872.	0.1	1
89	Clinical Utility of Quantitative CT Analysis for Fissure Completeness in Bronchoscopic Lung Volume Reduction: Comparison between CT and Chartis. Korean Journal of Radiology, 2019, 20, 1216.	1.5	6
90	CT Evaluation for Clinical Lung Cancer Staging: Do Multiplanar Measurements Better Reflect Pathologic T-Stage than Axial Measurements?. Korean Journal of Radiology, 2019, 20, 1207.	1.5	6

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91	Planting Seeds into the Lung: Image-Guided Percutaneous Localization to Guide Minimally Invasive Thoracic Surgery. Korean Journal of Radiology, 2019, 20, 1498.	1.5	21
92	Impact of <i>de novo</i> vesicoureteral reflux on transurethral surgery outcomes in pediatric patients with ureteroceles. Investigative and Clinical Urology, 2019, 60, 295.	1.0	4
93	A fast and robust level set motion-assisted deformable registration method for volumetric CT guided lung intervention. Biocybernetics and Biomedical Engineering, 2018, 38, 439-447.	3.3	0
94	Development of a robust and cost-effective 3D respiratory motion monitoring system using the kinect device: Accuracy comparison with the conventional stereovision navigation system. Computer Methods and Programs in Biomedicine, 2018, 160, 25-32.	2.6	11
95	LOGIS (LlOcalization of Ground-glass-opacity and pulmonary lesions for mInimal Surgery) registry: Design and Rationale. Contemporary Clinical Trials Communications, 2018, 9, 60-63.	0.5	1
96	Development of a Computer-Aided Differential Diagnosis System to Distinguish Between Usual Interstitial Pneumonia and Non-specific Interstitial Pneumonia Using Texture- and Shape-Based Hierarchical Classifiers on HRCT Images. Journal of Digital Imaging, 2018, 31, 235-244.	1.6	17
97	Volume doubling time of lung cancer detected in idiopathic interstitial pneumonia: comparison with that in chronic obstructive pulmonary disease. European Radiology, 2018, 28, 1402-1409.	2.3	11
98	A Perlin Noise-Based Augmentation Strategy for Deep Learning with Small Data Samples of HRCT Images. Scientific Reports, 2018, 8, 17687.	1.6	43
99	Quantitative assessment of pulmonary vascular alterations in chronic obstructive lung disease: Associations with pulmonary function test and survival in the KOLD cohort. European Journal of Radiology, 2018, 108, 276-282.	1.2	20
100	A novel CT-emphysema index/ FEV_1 approach of phenotyping COPD to predict mortality. International Journal of COPD, 2018, Volume 13, 2543-2550.	0.9	6
101	Quantitative CT Imaging in Chronic Obstructive Pulmonary Disease: Review of Current Status and Future Challenges. Journal of the Korean Society of Radiology, 2018, 78, 1.	0.1	8
102	Postpartum haemorrhage due to genital tract injury after vaginal delivery: safety and efficacy of transcatheter arterial embolisation. European Radiology, 2018, 28, 4800-4809.	2.3	20
103	Recent Update of Embolization of Postpartum Hemorrhage. Korean Journal of Radiology, 2018, 19, 585.	1.5	42
104	Nodule Classification on Low-Dose Unenhanced CT and Standard-Dose Enhanced CT: Inter-Protocol Agreement and Analysis of Interchangeability. Korean Journal of Radiology, 2018, 19, 516.	1.5	4
105	Validation of prediction models for risk stratification of incidentally detected pulmonary subsolid nodules: a retrospective cohort study in a Korean tertiary medical centre. BMJ Open, 2018, 8, e019996.	0.8	5
106	Gray Matter Volume Reductions Were Associated with TPH1 Polymorphisms in Depressive Disorder Patients with Suicidal Attempts. Psychiatry Investigation, 2018, 15, 1174-1180.	0.7	5
107	Evaluation of postoperative lung volume and perfusion changes by dual-energy computed tomography in patients with lung cancer. European Journal of Radiology, 2017, 90, 166-173.	1.2	13
108	Improvement in Ventilation-Perfusion Mismatch after Bronchoscopic Lung Volume Reduction: Quantitative Image Analysis. Radiology, 2017, 285, 250-260.	3.6	19

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109	Doubling time of thymic epithelial tumours on CT: correlation with histological subtype. <i>European Radiology</i> , 2017, 27, 4030-4036.	2.3	25
110	Added value of prone CT in the assessment of honeycombing and classification of usual interstitial pneumonia pattern. <i>European Journal of Radiology</i> , 2017, 91, 66-70.	1.2	25
111	Imaging of COPD. , 2017, , 87-127.		0
112	CT assessment-based direct surgical resection of part-solid nodules with solid component larger than 5Åmm without preoperative biopsy: experience at a single tertiary hospital. <i>European Radiology</i> , 2017, 27, 5119-5126.	2.3	19
113	Comparative Effectiveness and Safety of Preoperative Lung Localization for Pulmonary Nodules. <i>Chest</i> , 2017, 151, 316-328.	0.4	211
114	Assessment of regional emphysema, air-trapping and Xenon-ventilation using dual-energy computed tomography in chronic obstructive pulmonary disease patients. <i>European Radiology</i> , 2017, 27, 2818-2827.	2.3	22
115	Size variation and collapse of emphysema holes at inspiration and expiration CT scan: evaluation with modified length scale method and image co-registration. <i>International Journal of COPD</i> , 2017, Volume 12, 2043-2057.	0.9	9
116	Growth Kinetics of Macronodular Lung Metastases and Survival in Differentiated Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 915-922.	2.4	7
117	A size-based emphysema severity index: robust to the breath-hold-level variations and correlated with clinical parameters. <i>International Journal of COPD</i> , 2016, Volume 11, 1835-1841.	0.9	8
118	Percutaneous transthoracic localization of pulmonary nodules under C-arm cone-beam CT virtual navigation guidance. <i>Diagnostic and Interventional Radiology</i> , 2016, 22, 224-230.	0.7	11
119	Indomethacin-guided cancer selective prodrug conjugate activated by histone deacetylase and tumour-associated protease. <i>Chemical Communications</i> , 2016, 52, 9965-9968.	2.2	35
120	Three-dimensional quadratic modeling and quantitative evaluation of the diaphragm on a volumetric CT scan in patients with chronic obstructive pulmonary disease. <i>Medical Physics</i> , 2016, 43, 4273-4282.	1.6	4
121	Assessment of Regional Xenon Ventilation, Perfusion, and Ventilation-Perfusion Mismatch Using Dual-Energy Computed Tomography in Chronic Obstructive Pulmonary Disease Patients. <i>Investigative Radiology</i> , 2016, 51, 306-315.	3.5	32
122	Persistent pulmonary subsolid nodules with solid portions of 5Åmm or smaller: Their natural course and predictors of interval growth. <i>European Radiology</i> , 2016, 26, 1529-1537.	2.3	60
123	Functional and Prognostic Implications of the Main Pulmonary Artery Diameter to Aorta Diameter Ratio from Chest Computed Tomography in Korean COPD Patients. <i>PLoS ONE</i> , 2016, 11, e0154584.	1.1	14
124	Lung Cancer in Combined Pulmonary Fibrosis and Emphysema: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0161437.	1.1	56
125	Lipiodol lOcalization for Ground-glass opacity mInimal Surgery: Rationale and design of the LOGIS trial. <i>Contemporary Clinical Trials</i> , 2015, 43, 194-199.	0.8	11
126	Relationship of vitamin <sc>D</sc> status with lung function and exercise capacity in <sc>COPD</sc>. <i>Respirology</i> , 2015, 20, 782-789.	1.3	25

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127	Quantitative Assessment of Global and Regional Air Trappings Using Non-Rigid Registration and Regional Specific Volume Change of Inspiratory/Expiratory CT Scans: Studies on Healthy Volunteers and Asthmatics. Korean Journal of Radiology, 2015, 16, 632.	1.5	9
128	Bronchoscopic lung volume reduction by endobronchial valve in advanced emphysema: the first Asian report. International Journal of COPD, 2015, 10, 1501.	0.9	13
129	Size-based emphysema cluster analysis on low attenuation area in 3D volumetric CT: comparison with pulmonary functional test. , 2015, , .		2
130	Detailed analysis of the density change on chest CT of COPD using non-rigid registration of inspiration/expiration CT scans. European Radiology, 2015, 25, 541-549.	2.3	40
131	CT findings of minimally invasive adenocarcinoma (MIA) of the lung and comparison of solid portion measurement methods at CT in 52 patients. European Radiology, 2015, 25, 2318-2325.	2.3	37
132	The Effect of Low-Dose β -Blocker on Heart Rate and Heart Rate Variability in Healthy Subjects with a Resting Heart Rate of Less than 65 Beats per Minute: Effect on the Image Quality of Prospective Electrocardiography-Gated Coronary CT Angiography. Journal of the Korean Society of Radiology, 2015, 72, 83.	0.1	0
133	Pharmacological treatment response according to the severity of symptoms in patients with chronic obstructive pulmonary disease. Journal of Thoracic Disease, 2015, 7, 1765-73.	0.6	1
134	Efficacy of Bronchoscopic Lung Volume Reduction by Endobronchial Valves in Patients with Heterogeneous Emphysema: Report on the First Asian Cases. Journal of Korean Medical Science, 2014, 29, 1404.	1.1	9
135	Adverse events of non-ablative fractional laser photothermolysis: a retrospective study of 856 treatments in 362 patients. Journal of Dermatological Treatment, 2014, 25, 304-307.	1.1	18
136	C-Arm Cone-Beam CT-guided Percutaneous Transthoracic Needle Biopsy of Lung Nodules: Clinical Experience in 1108 Patients. Radiology, 2014, 271, 291-300.	3.6	163
137	Correlation between the Size of the Solid Component on Thin-Section CT and the Invasive Component on Pathology in Small Lung Adenocarcinomas Manifesting as Ground-Glass Nodules. Journal of Thoracic Oncology, 2014, 9, 74-82.	0.5	190
138	Influence of radiation dose and iterative reconstruction algorithms for measurement accuracy and reproducibility of pulmonary nodule volumetry: A phantom study. European Journal of Radiology, 2014, 83, 848-857.	1.2	46
139	Thoracic cavity segmentation algorithm using multiorgan extraction and surface fitting in volumetric CT. Medical Physics, 2014, 41, 041908.	1.6	8
140	Volume and Mass Doubling Times of Persistent Pulmonary Subsolid Nodules Detected in Patients without Known Malignancy. Radiology, 2014, 273, 276-284.	3.6	105
141	Assessment of Perfusion Pattern and Extent of Perfusion Defect on Dual-Energy CT Angiography: Correlations between the Causes of Pulmonary Hypertension and Vascular Parameters. Korean Journal of Radiology, 2014, 15, 286.	1.5	9
142	Pure and Part-Solid Pulmonary Ground-Glass Nodules: Measurement Variability of Volume and Mass in Nodules with a Solid Portion Less than or Equal to 5 mm. Radiology, 2013, 269, 585-593.	3.6	59
143	Thoracic Magnetic Resonance Imaging for the Evaluation of Pulmonary Emphysema. Journal of Thoracic Imaging, 2013, 28, 160-170.	0.8	4
144	Automatic reconstruction of the arterial and venous trees on volumetric chest CT. Medical Physics, 2013, 40, 071906.	1.6	24

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145	Advanced Gastric Cancer: Differentiation of Borrmann Type IV versus Borrmann Type III by Two-Phased Dynamic Multi-Detector Row CT with Use of the Water Filling Method. Journal of the Korean Society of Radiology, 2013, 68, 117.	0.1	0
146	Pinhole Carbon Dioxide Laser Treatment of Secondary Anetoderma Associated with Juvenile Xanthogranuloma. Dermatologic Surgery, 2012, 38, 1741-1743.	0.4	14
147	Association between a synonymous SNP (rs470558, Ala216Ala) of MMP1 and schizophrenia with auditory hallucinations in Korean population. Molecular and Cellular Toxicology, 2012, 8, 297-302.	0.8	2
148	Quantitative assessment of change in regional disease patterns on serial HRCT of fibrotic interstitial pneumonia with texture-based automated quantification system. European Radiology, 2012, 23, 692-701.	2.3	44
149	CT fluoroscopy-guided lung biopsy versus conventional CT-guided lung biopsy: a prospective controlled study to assess radiation doses and diagnostic performance. European Radiology, 2011, 21, 232-239.	2.3	133
150	NGF polymorphisms and haplotypes are associated with schizophrenia in Korean population. Molecular and Cellular Toxicology, 2011, 7, 375-380.	0.8	8
151	Transient Part-Solid Nodules Detected at Screening Thin-Section CT for Lung Cancer: Comparison with Persistent Part-Solid Nodules. Radiology, 2010, 255, 242-251.	3.6	121
152	Intensive Psychotherapy Training in Korean Psychiatric Residency Programs. Psychiatry Investigation, 2008, 5, 221.	0.7	2
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