

Curriculum Vitae

Name: **Cherry Kim, MD, PhD**

Citizenship Status: Korean (South Korea)

Present Address:

Associate Professor

Department of Radiology, Korea University College of Medicine, Ansan Hospital,
123, Jeokgeum-ro, Danwon-gu, Ansan-si, Gyeonggi-do, South Korea (15355)

Education

1. Ph.D in Radiology, Ulsan University College of Medicine, 2017
2. Master of Radiology, Korea University College of Medicine, 2013
3. Bachelor of Medical Science, Korea University College of Medicine, 2008
4. Premedical Course, Korea University College of Medicine, 2002-2003

Training and Employment

1. Internship, Korea University Hospital, 2008
2. Resident, Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, 2010-2013
3. Clinical fellow, Department of Radiology and Research Institute of Radiology (Emergency, thoracic, and cardiovascular section), University of Ulsan College of Medicine, Asan Medical Center, 2014-2016
4. Clinical assistant professor, Department of Radiology, Korea University College of Medicine, Ansan Hospital, 2017-2019
5. Assistant professor, Department of Radiology, Korea University College of Medicine, Ansan Hospital, 2019~2022
6. Associate professor, Department of Radiology, Korea University College of Medicine, Ansan Hospital, 2023~
7. Research scholar, Translational Lab for Cardiothoracic Imaging and Artificial Intelligence, Department of Radiology and Imaging Sciences, Emory University Hospital, 2022-2023

Specialty Certification

2008: The Korean Board of Medical Association (No. 97979)

2014: The Korean Board of Radiology (No. 3311)

Membership

Asian Society of Cardiovascular Imaging (ASCI)

Korean Society of Radiology (KSR)

Korean Society of Thoracic Radiology (KSTR)

Korean Society of Cardiovascular Imaging (KOSCI)

Activities in the academic society

Co-program director of ASCI-practical tutorial (2018~present)

Academic secretary, Korean Society of Radiology (2021~present)

Co-director of the Academic Committee of the Korean Society of Cardiovascular Imaging (KOSCI) (2021~2022)

Co-director of the Training Committee of the Korean Society of Thoracic Radiology (2021~2022)

Advisor, Korean Academy of Medical Sciences (2021~present)

Academic Secretary of ASCI 2025 (2023-2025)

Academic Secretary of the Cardiovascular Imaging Research Society (2023-2025)

Area of interest

Cardiovascular and thoracic imaging

Artificial intelligence

Experimental study and animal imaging

Funding

1. "Detection of pulmonary embolism using electron density imaging in non-enhanced CT scans and development of artificial intelligence-based lung disease diagnosis software", 2024.05~2027.04, **National Research Foundation of Korea (NRF) grant funded by the Korean government (MSIT), RS-2024-00342750**
2. "Open platform for development and commercialization of an artificial intelligence

system for real time and urgent diagnosis of acute aortic disease”, 2021.03~2024.02,

Korea Health Industry Promotion Agency

3. "Development of optimization method for long-term imaging analysis of experimental animals through computed tomography and research on disease model analysis",

2020.03~2021.02, **Korea University**

4. "Evaluation of the effect of fine dust on lung parenchyma and lung perfusion in an animal model of chronic obstructive pulmonary disease using spectral CT and

development of immunotherapy", 2018.06~2021.05, **Korea Research Foundation**

5. "Verification of parenchymal damage in lungs caused by exposure to fine dust through CT scan of experimental animals, and verification of treatment/prevention effect of

parenchymal damage in lungs caused by fine dust of omega 3", 2019.09~2022.08, **Korea University**

Patent

1. Method for detecting the thoracic spine and specifying the order of the ribs using machine learning (application number 10-2019-0029056)

First authored/corresponding authored papers

1. **Kim C**, Kim C, Tae BS, Kwon DY, Lee YH. Assessing the Association Between Gadolinium-Based Contrast Agents and Parkinson Disease: Insights From the Korean National Health Insurance Service Database. *Invest Radiol.* 2025 Jan 23. doi: 10.1097/RLI.0000000000001155. PMID: 39841176
2. **Kim C**, Seok H, Kim J, Park DW, van Assen M, De Cecco CN, Choi H, Kim C, Hwang SH, Yong HS, Oh YW, Choi WS. COVID-19's Radiologic, Functional, and Serologic Consequences at 6-Month and 18-Month Follow-up: A Prospective Cohort Study. *J Korean Med Sci.* 2024 Aug 19;39(32):e228. doi: 10.3346/jkms.2024.39.e228. PMID: 39164053
3. Hwang I, Ham S, Kim C, Lee S, **Kim C**, Hwang J. Development of a CT image-based virtual atelectasis simulation model and noninvasive lung nodule localization system. *J Thorac Dis.* 2024 Nov 30;16(11):7651-7662. doi: 10.21037/jtd-24-903. Epub 2024 Nov 21. * **Co-first author**
4. Lee H, Jeong SH, Baek YW, Lee H, Sa JK, Lee JY, Lee YS, Nam YJ, Kim J, Kim J, Choi JY, Park SA, Kim JH, Park YH, Lim J, Kim YH, Park EK, **Kim C**, Lee JH.

Deciphering the toxicity of polyhexamethylene guanidine phosphate in lung carcinogenesis: Mutational profiles and molecular mechanisms. *Chemosphere*. 2024 Nov;368:143785. doi: 10.1016/j.chemosphere.2024.143785. Epub 2024 Nov 24.

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5. **Kim C**, Jeong SH, Lee H, Nam YJ, Lee H, Choi JY, Lee YS, Kim J, Park YH, Lee JH. Subchronic particulate matter exposure underlying polyhexamethylene guanidine phosphate-induced lung injury: Quantitative and qualitative evaluation with chest computed tomography. *Heliyon*. 2024 Jul 14;10(14):e34562. doi: 10.1016/j.heliyon.2024.e34562. eCollection 2024 Jul 30. PMID: 39113974
6. Jeong SH, Lee H, Nam YJ, Kang JY, Lee H, Choi JY, Lee YS, Kim J, Park YH, Park SA, Choi H, Park EK, Baek YW, Lim J, Kim S, **Kim C**, Lee JH. Longitudinal long term follow up investigation on the carcinogenic impact of polyhexamethylene guanidine phosphate in rat models. *Sci Rep*. 2024 Mar 26;14(1):7178. doi: 10.1038/s41598-024-57605-x. PMID: 38531959

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7. **Kim C**, Park CH, Lee BY, Park CH, Kang EJ, Koo HJ, Kitagawa K, Cha MJ, Krittayaphong R, Choi SI, Yong HS, Ko SM, Kim SM, Hwang SH, Trang NN, Lee W, Kim YJ, Lee J, Yang DH. 2024 Consensus Statement on Coronary Stenosis and Plaque Evaluation in CT Angiography From the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT). *Korean J Radiol*. 2024 Apr;25(4):331-342. doi: 10.3348/kjr.2024.0112.
8. Razavi AC, **Kim C***, van Assen M, et al. Thoracic Aortic Calcium Density and Area in Long-Term Atherosclerotic Cardiovascular Disease Risk Among Men Versus Women. *Circ Cardiovasc Imaging*. 2023 Dec;16(12):e015690. doi: 10.1161/CIRCIMAGING.123.015690. Epub 2023 Dec 6.

*** Co-first author**

9. **Cherry Kim***, Min Jae Cha, Yoo Jin Hong, et al. Utilities and Limitations of Cardiac Magnetic Resonance Imaging in Dilated Cardiomyopathy. *Korean J Radiol*. 2023 Dec;24(12):1200-1220. doi: 10.3348/kjr.2023.0531.

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10. **Cherry Kim**, Zepa Yang, Seoung Ho Park et al. Multicentre external validation of a commercial artificial intelligence software to analyse chest radiographs in health screening environments with low disease prevalence. *Eur Radiol*. 2023 May;33(5):3501-3509. doi: 10.1007/s00330-022-09315-z. Epub 2023 Jan 10. PMID:

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11. Thomas J Kwack, **Cherry Kim***, Sung Ho Hwang, et al. Electronic Cigarette or Vaping-Associated Lung Injury Manifested as Acute Eosinophilic Pneumonia: A Case Report. *J Korean Soc Radiol.* 2023 Jan;84(1):298-303. doi: 10.3348/jksr.2022.0002. Epub 2022 Nov 15. PMID: 36818711
***Corresponding author**
12. **Cherry Kim***, Hyun Woo Kang, Woo Jin Ahn, et al. Evaluation of fully automated commercial software for Agatston calcium scoring on non-ECG-gated low dose chest CT with different slice thickness. *Eur Radiol.* 2023 Mar;33(3):1973-1981. doi: 10.1007/s00330-022-09143-1. Epub 2022 Sep 24. PMID: 36152039
***Corresponding author**
13. **Cherry Kim**, Gaeun Lee, Hongmin Oh, et al. A deep learning-based automatic analysis of cardiovascular borders on chest radiographs of valvular heart disease: development/external validation. *Eur Radiol.* 2022 Mar;32(3):1558-1569. doi: 10.1007/s00330-021-08296-9
14. **Cherry Kim**, Thomas Kwack, Wooil Kim, et al. Accuracy of two deep learning-based reconstruction methods compared with an adaptive statistical iterative reconstruction method for solid and ground-glass nodule volumetry on low-dose and ultra-low-dose chest computed tomography: A phantom study. *PLoS One.* 2022 Jun 23;17(6):e0270122. doi: 10.1371/journal.pone.0270122. eCollection 2022.
15. **Cherry Kim***, Taeho Ha, Wooil Kim, et al. Differentiating pulmonary metastasis from benign lung nodules in thyroid cancer patients using dual-energy CT parameters. *Eur Radiol.* 2022 Mar;32(3):1902-1911. doi: 10.1007/s00330-021-08278-x.
***Corresponding author**
16. **Cherry Kim**, Chul Hwan Park, Do Yeon Kim, et al. Semi-Quantitative Scoring of Late Gadolinium Enhancement of the Left Ventricle in Patients with Ischemic Cardiomyopathy: Improving Interobserver Reliability and Agreement Using Consensus Guidance from the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT) 2020. *Korean J Radiol.* 2022 Mar;23(3):298-307.
17. **Cherry Kim**, Ji-Yeon Kim, Eun Joo Lee, et al. Clinical findings, viral load, and outcomes of COVID-19: comparison of patients with negative and positive initial chest computed tomography. *PLoS One.* 2022 Mar 3;17(3):e0264711. doi: 10.1371/journal.pone.0264711. eCollection 2022.
18. **Cherry Kim**, Sang Hoon Jeong, Jaeyoung Kim, et al. Evaluation of the effect of

- filtered ultrafine particulate matter on bleomycin-induced lung fibrosis in a rat model using computed tomography, histopathologic analysis, and RNA sequencing. *Sci Rep.* 2021 Nov 22;11(1):22672. doi: 10.1038/s41598-021-02140-2.
19. Sang-Hoon Jeong*, **Cherry Kim***, Jaeyoung Kim, et al. MTF1 Is Essential for the Expression of MT1B, MT1F, MT1G, and MT1H Induced by PHMG, but Not CMT, in the Human Pulmonary Alveolar Epithelial Cells. *Toxics.* 2021 Aug 29;9(9):203. doi: 10.3390/toxics9090203. * Co-first authors
 20. **Cherry Kim**, Sang Hoon Jeong, Jaeyoung Kim, et al. Evaluation of the long-term effect of polyhexamethylene guanidine phosphate in a rat lung model using conventional chest computed tomography with histopathologic analysis. *PLoS One.* 2021 Sep 7;16(9):e0256756. doi: 10.1371/journal.pone.0256756. eCollection 2021.
 21. **Cherry Kim**, Wooil Kim, Ji Hoon Jeon, et al. COVID-19 infection with asymptomatic or mild disease severity in young patients: Clinical course and association between prevalence of pneumonia and viral load. *PLoS One.* 2021 Apr 21;16(4):e0250358. doi: 10.1371/journal.pone.0250358. eCollection 2021.
 22. **Cherry Kim**, Sang Hoon Jeong, Jaeyoung Kim, et al. Evaluation of polyhexamethylene guanidine-induced lung injuries by chest CT, pathologic examination, and RNA sequencing in a rat model. *Scientific Reports* 2021 Mar 18;11(1):6318.
 23. **Cherry Kim**, Moin Ha, Wooil Kim, et al. Nitrates administered by spray versus tablet: comparison of coronary vasodilation on CT angiography. *European Radiology* 2021 Jan;31(1):515-524.
 24. **Cherry Kim**, Kyung-Hyun Do, Jaehyung Cha, et al. Effects of sirolimus in lymphangioliomyomatosis patients on lung cysts and pulmonary function: long-term follow-up observational study. *European Radiology* 2020; 30:735–743.
 25. **Cherry Kim**, Wooil Kim, Sung-Joon Park, et al. Application of Dual-Energy Spectral Computed Tomography to Thoracic Oncology Imaging. *Korean J Radiol* 2020;21(7):838-850
 26. **Cherry Kim**, Soriul Kim, et al. Differences in bone density on chest CT according to smoking status in males without chronic obstructive lung disease. *Scientific Reports* 2019;9:10467
 27. Seung Kwan Kim, **Cherry Kim***, et al (*Co-first author). Accuracy of Model-Based Iterative Reconstruction for CT Volumetry of Part-Solid Nodules and Solid Nodules in Comparison with Filtered Back Projection and Hybrid Iterative Reconstruction at

Various Dose Settings: An Anthropomorphic Chest Phantom Study. Korean J Radiol 2019;20(7):1195-1206.

28. Da Jung Kim, **Cherry Kim***, Chol Shin, et al (*Co-first author). Impact of model-based iterative reconstruction on the correlation between CT quantification of low lung attenuation area and airway measurements and pulmonary function test in the normal subjects. Korean journal of radiology Nov-Dec;19(6):1187-1195
29. **Cherry Kim**, Ki Yeol Lee, Chol Shin, et al. Comparison of Filtered Back Projection, Hybrid Iterative Reconstruction, Model-Based Iterative Reconstruction, and Virtual Monoenergetic Reconstruction Images at Both Low- and Standard-Dose Settings in Measurement of Emphysema Volume and Airway Wall Thickness: A CT Phantom Study. Korean journal of radiology 2018 Jul-Aug; 19(4):809-817
30. **Cherry Kim**, Mi Young Kim, Joon-Won Kang, et al. Pulmonary Artery Intimal Sarcoma versus Pulmonary Artery Thromboembolism: CT and Clinical Findings. Korean journal of radiology 2018 Jul-Aug;19(4):792-802
31. **Cherry Kim**, Choong Wook Lee, Gil-Sun Hong, et al. Assessment of pulmonary arterial enhancement on CT pulmonary angiography using a leg vein for contrast media administration. Medicine 2017;96:49(e9099)
32. **Cherry Kim**, Sang Min Lee, Jooae Choe, et al. Volume doubling time of lung cancer detected in idiopathic interstitial pneumonia: Comparison with that in chronic obstructive pulmonary disease. European radiology 2018 Apr;28(4):1402-1409
33. **Cherry Kim**, Ji-Yeon Suh, Changhoe Heo, et al. Spatiotemporal heterogeneity of tumor vasculature during tumor growth and antiangiogenic treatment: MRI assessment using permeability and blood volume parameters. Cancer medicine 2018 Aug;7(8):3921-3934
34. **Cherry Kim**, So Yeon Kim, Min-Ju Kim, et al. Clinical impact of preoperative liver MRI in the evaluation of synchronous liver metastasis of colon cancer. European radiology 2018 Oct;28(10):4234-4242
35. **Cherry Kim**, Ki Yeol Lee, Chol Shin, et al. The optimal energy level of virtual monochromatic images from spectral CT in reduction of beam hardening artifacts of contrast media in the thorax. American journal of Roentgenology 2018 Sep;211(3):557-563
36. **Cherry Kim**, Jeong Hyun Lee, Young Jun Choi, et al. Complications encountered in ultrasonography-guided radiofrequency ablation of benign thyroid nodules and recurrent thyroid cancers. European Radiology 2017;27(8):3128-3137

37. **Cherry Kim**, Jae Ho Byun, Seung-Mo Hong, et al. A comparison of enhancement patterns on dynamic enhanced CT and survival between patients with pancreatic neuroendocrine tumors with and without intratumoral fibrosis. *Abdominal radiology* 2017 Dec;42(12):2835-2842
38. **Cherry Kim**, So Hee Park, Sang Young Oh, et al. Comparison of chest CT findings in nontuberculous mycobacterial diseases vs. *Mycobacterium tuberculosis* lung disease in HIV-negative patients with cavities. *PLoS ONE* 2017;12(3): e0174240
39. **Cherry Kim**, Ho Sung Kim, Woo Hyun Shim, et al. Recurrent Glioblastoma: Combination of High Cerebral Blood Flow with MGMT Promoter Methylation Is Associated with Benefit from Low-Dose Temozolomide Rechallenge at First Recurrence. *Radiology* 2017;282(1):121-221
40. **Cherry Kim**, Jung Hwan Baek, EunJu Ha, et al. Ultrasonography features of medullary thyroid cancer as predictors of its biological behavior. *Acta Radiologica* 2017;58(4):414-422
41. **Cherry Kim**, Seong Ho Park, Suk-Kyun Yang, et al. Endoscopic Complete Remission of Crohn Disease After Anti-Tumor Necrosis Factor- α Therapy: CT Enterographic Findings and Their Clinical Implications. *American journal of roentgenology* 2016 Jun;206(6):1208-16
42. **Cherry Kim**, Hyun Jin Kim, Da Hye Son, et al. Computed tomography findings for a gastric lymphoepithelioma-like carcinoma: How often does it present as a submucosal mass? *European radiology* 2016 Sep;26(9):3077-85
43. **Cherry Kim**, Hyuck Jae Choi, Kyoung-Sik Cho. Diagnostic value of multidetector computed tomography for renal sinus fat invasion in renal cell carcinoma patients. *European journal of radiology* 2014 Jun;83(6):914-8
44. **Cherry Kim**, Hyuck Jae Choi, Kyoung-Sik Cho. Diagnostic performance of multidetector computed tomography in the evaluation of perinephric fat invasion in renal cell carcinoma patients. *Journal of computer assisted tomography* 2014 Mar-Apr;38(2):268-73
45. **Cherry Kim**, Dong Il Gwon, Gi-Young Ko, et al. Percutaneous metallic stent placement in patients with cancer recurrence at bilioenterostomy site. *Journal of Vascular and Interventional Radiology* 2013 Oct;24(10):1552-8
46. **Cherry Kim**, Hyun Woo Goo, Jeong Jin Yu, et al. Coronary sinus ostial atresia with persistent left superior vena cava demonstrated on cardiac CT in an infant with a functional single ventricle. *Pediatric radiology* 2012 Jun;42(6):761-3

47. Ahn Y, Jeong GJ, Lee D, Kim C, Lee JG, Yang DH. Automatic identification of coronary stent in coronary calcium scoring CT using deep learning. *Sci Rep.* 2024 Oct 28;14(1):25730. doi: 10.1038/s41598-024-76092-8.
48. Jeon BJ, Ko YJ, Cha JJ, Kim C, Seo MY, Lee SH, Park JY, Bae JH, Tae BS. Examining the Relationship Between Polystyrene Microplastics and Male Fertility: Insights From an In Vivo Study and In Vitro Sertoli Cell Culture. *J Korean Med Sci.* 2024 Oct 7;39(38):e259. doi: 10.3346/jkms.2024.39.e259.
49. Hwa Jung Sung, Sang Hoon Jeong, Ja Young Kang, Cherry Kim, Yoon Jeong Nam, Jae Young Kim, Jin Young Choi, Hye Jin Lee, Yu Seon Lee, Eun Yeob Kim, Yong Wook Baek, Hong Lee, Ju Han Lee
50. "Hematotoxic Effect of Respiratory Exposure to PHMG-p and Its Integrated Genetic Analysis." *Toxics.* 2022 Nov 16;10(11):694. doi: 10.3390/toxics10110694.
51. Min Jae Cha, Cherry Kim, Chan Ho Park, Yoo Jin Hong, Jae Min Shin, Tae Hoon Kim, Yoon Jin Cha, Chul Hwan Park "Differential Diagnosis of Thick Myocardium according to Histologic Features Revealed by Multiparametric Cardiac Magnetic Resonance Imaging", *Korean J Radiol.* 2022 Jun;23(6):581-597. doi: 10.3348/kjr.2021.0815. *Korean J Radiol.* 2022 Sep;23(9):935. doi: 10.3348/kjr.2022.0568.
52. Hong Lee, Sang Hoon Jeong, Hyejin Lee, Cherry Kim, Yoon Jeong Nam, Ja Young Kang, Myeong Ok Song, Jin Young Choi, Jaeyoung Kim, Eun-Kee Park, Yong-Wook Baek, Ju-Han Lee "Analysis of lung cancer-related genetic changes in long-term and low-dose polyhexamethylene guanidine phosphate (PHMG-p) treated human pulmonary alveolar epithelial cells", *BMC Pharmacol Toxicol.* 2022 Mar 30;23(1):19. doi: 10.1186/s40360-022-00559-5.
53. Jeong Yoon Lee, Yu-Whan Oh, Do-Sun Lim, Cheol Woong Yu, Jae Hyoung Park, Hyung Joon Joo, Hwan Seok Yong, Eun-Young Kang, Cherry Kim, Sung Ho Hwang
54. "Relationship between Coronary Iodine Concentration Determined Using Spectral CT and the Outcome of Percutaneous Coronary Intervention in Patients with Chronic Total Occlusion", *Radiol Cardiothorac Imaging.* 2020 Aug 20;2(4):e190203. doi: 10.1148/ryct.2020190203.
55. Park, S.J.; Chung, H.H.; Lee, S.H.; Kim, Jeong-Eun; Kim, Cherry; Lee, Sang Min; "New formulas to predict the length of a peripherally inserted central catheter based on anteroposterior chest radiographs", *J Vasc Access.* 2021 Mar 22;11297298211001147. doi: 10.1177/11297298211001147

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57. Lee, KH; Lim, KY; Suh, YJ; Hur, J; Han, DH; Kang, MJ; Choo, JY; Kim, C; Kim, JI; Yoon, SH; Lee, W; Park, CM; "Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study", KOREAN JOURNAL OF RADIOLOGY, vol.20, no.8, pp.1300~1310, 2019.08; DOI(<http://dx.doi.org/10.3348/kjr.2019.0189>)
58. Yoon, SH; Park, CM; Lee, KH; Lim, KY; Suh, YJ; Im, DJ; Hur, J; Han, DH; Kang, MJ; Choo, JY; Kim, C; Kim, JI; Hong, H; "Analysis of Complications of Percutaneous Transthoracic Needle Biopsy Using CT-Guidance Modalities In a Multicenter Cohort of 10568 Biopsies (vol 20, pg 323, 2019)", KOREAN JOURNAL OF RADIOLOGY, vol.20, no.3, pp.531~531, 2019.03; DOI(<http://dx.doi.org/10.3348/kjr.2019.0123>)
59. Lee, KH; Lim, KY; Suh, YJ; Hur, J; Han, DH; Kang, MJ; Choo, JY; Kim, C; Kim, JI; Yoon, SH; Lee, W; Park, CM; "Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk", RADIOLOGY, vol.290, no.3, pp.814~823, 2019.03; DOI(<http://dx.doi.org/10.1148/radiol.2018181482>)
60. Yoon, SH; Park, CM; Lee, KH; Lim, KY; Suh, YJ; Im, DJ; Hur, J; Han, DH; Kang, MJ; Choo, JY; Kim, C; Kim, JI; Hong, H; "Analysis of Complications of Percutaneous Transthoracic Needle Biopsy Using CT-Guidance Modalities In a Multicenter Cohort of 10568 Biopsies", KOREAN JOURNAL OF RADIOLOGY, vol.20, no.2, pp.323~331, 2019.02; DOI(<http://dx.doi.org/10.3348/kjr.2018.0064>)
61. Hwang, HJ; Lee, SM; Seo, JB; Lee, JS; Kim, N; Kim, C; Oh, SY; Lee, SW; "Assessment Of Changes In Regional Xenon-Ventilation, Perfusion, And Ventilation-Perfusion Mismatch Using Dual-EnergyComputed Tomography After Pharmacological Treatment In Patients With Chronic Obstructive Pulmonary Disease: Visual And Quantitative Analysis", INTERNATIONAL JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE, vol.14, pp.2195~2203, 2019; DOI(<http://dx.doi.org/10.2147/COPD.S210555>)
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- effectiveness of coronary screening in heart valve surgery: Computed tomography versus conventional coronary angiography", JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.155, no.4, pp.1423~+, 2018.04;
DOI(<http://dx.doi.org/10.1016/j.jtcvs.2017.10.128>)
63. Choi, T.S.; Yong, H.S.; Kim, C.; Suh, Y.J.; "Clinical value of cardiovascular calcifications on non-enhanced, non-ECG-gated chest CT", Journal of the Korean Society of Radiology, vol.81, no.2, pp.324~336, 2020;
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65. Kim D.; Jun T.J.; Eom Y.; Kim C.; Kim D.; "Toournament Based Ranking CNN for the Cataract grading", Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS, pp.1630~1636, 2019;
DOI(<http://dx.doi.org/10.1109/EMBC.2019.8856636>)