

# Stanford

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## Ann Leung

Professor of Radiology (Thoracic Imaging)

### CLINICAL OFFICE (PRIMARY)

- **Diagnostic Radiology**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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#### CLINICAL FOCUS

- Diagnostic Radiology

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Radiology

#### ADMINISTRATIVE APPOINTMENTS

- Associate Chair, Stanford University School of Medicine - Radiology, (2004- present)

#### PROFESSIONAL EDUCATION

- Residency: University of British Columbia Radiology Residency (1992) Canada
- Internship: St Michael's Hospital Postgraduate Medical Education (1987) Canada
- Medical Education: University of British Columbia Radiology Residency (1986) Canada
- Fellowship: L'Hopital Pitie-Salpetriere (1993) France
- Board Certification: Diagnostic Radiology, American Board of Radiology (1992)
- Board Certification: Diagnostic Radiology, Royal College of Physicians and Surgeons of Canada (1992)
- BSc, McGill University , Biochemistry (1982)

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

High-resolution computed tomography of the thorax., particularly its application in the setting of acute lung disease in the immunocompromised host; quantitative assessment of abnormalities, using spiral CT; and enhancement characteristics of lung cancers on, CT and MRI

#### CLINICAL TRIALS

- Pulmonary Interstitial Lymphography in Early Stage Lung Cancer, Not Recruiting

## Publications

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### PUBLICATIONS

- **Second Primary Lung Cancer Among Lung Cancer Survivors Who Never Smoked.** *JAMA network open*  
Choi, E., Su, C. C., Wu, J. T., Aredo, J. V., Neal, J. W., Leung, A. N., Backhus, L. M., Lui, N. S., Le Marchand, L., Stram, D. O., Liang, S. Y., Cheng, I., Wakelee, et al  
2023; 6 (11): e2343278
- **Risk Model-Based Lung Cancer Screening and Racial and Ethnic Disparities in the US.** *JAMA oncology*  
Choi, E., Ding, V. Y., Luo, S. J., Ten Haaf, K., Wu, J. T., Aredo, J. V., Wilkens, L. R., Freedman, N. D., Backhus, L. M., Leung, A. N., Meza, R., Lui, N. S., Haiman, et al  
2023
- **Risk model-based management for second primary lung cancer among lung cancer survivors through a validated risk prediction model.** *Cancer*  
Choi, E., Luo, S. J., Ding, V. Y., Wu, J. T., Kumar, A. V., Wampfler, J., Tammemägi, M. C., Wilkens, L. R., Aredo, J. V., Backhus, L. M., Neal, J. W., Leung, A. N., Freedman, et al  
2023
- **Overall Survival Among Patients With De Novo Stage IV Metastatic and Distant Metastatic Recurrent Non-Small Cell Lung Cancer.** *JAMA network open*  
Su, C. C., Wu, J. T., Choi, E., Myall, N. J., Neal, J. W., Kurian, A. W., Stehr, H., Wood, D., Henry, S. M., Backhus, L. M., Leung, A. N., Wakelee, H. A., Han, et al  
2023; 6 (9): e2335813
- **A hybrid modelling approach for abstracting CT imaging indications by integrating natural language processing from radiology reports with structured data from electronic health records.**  
Khan, A., Wu, J., Choi, E., Graber-Naidich, A., Henry, S., Wakelee, H. A., Kurian, A. W., Liang, S., Leung, A., Langlotz, C., Backhus, L. M., Han, S. S.  
AMER ASSOC CANCER RESEARCH.2023
- **Chest Imaging.** *Seminars in respiratory and critical care medicine*  
Remy-Jardin, M., Leung, A. N., Lynch, D. A.  
2022; 43 (6): 763
- **Utility of non-contrast-enhanced magnetic resonance imaging in predicting preoperative clinical stage and prognosis in patients with thymic epithelial tumor.** *Japanese journal of radiology*  
Kuhara, A., Sumi, A., Chikasue, T., Kawaguchi, A., Tanoue, S., Nagata, S., Koganemaru, M., Abe, T., Kashiwara, M., Mitsuoka, M., Ishii, H., Ohshima, K., Leung, et al  
2022
- **Performance of a rule-based semi-automated method to optimize chart abstraction for surveillance imaging among patients treated for non-small cell lung cancer.** *BMC medical informatics and decision making*  
Byrd, C., Ajawara, U., Laundry, R., Radin, J., Bhandari, P., Leung, A., Han, S., Asch, S. M., Zeliadt, S., Harris, A. H., Backhus, L.  
2022; 22 (1): 148
- **COVID-19 Pandemic: The Road to Recovery.** *Radiology*  
Leung, A. N.  
2022: 220488
- **NCCN Guidelines Insights: Lung Cancer Screening, Version 1.2022.** *Journal of the National Comprehensive Cancer Network : JNCCN*  
Wood, D. E., Kazerooni, E. A., Aberle, D., Berman, A., Brown, L. M., Eapen, G. A., Ettinger, D. S., Ferguson, J. S., Hou, L., Kadaria, D., Klippenstein, D., Kumar, R., Lackner, et al  
2022; 20 (7): 754-764
- **A Cost-Effectiveness Analysis of Lung Cancer Screening With Low-Dose Computed Tomography and a Diagnostic Biomarker.** *JNCI cancer spectrum*  
Toumazis, I., Erdogan, S. A., Bastani, M., Leung, A., Plevritis, S. K.  
2021; 5 (6): pkab081
- **Evaluation of Alternative Diagnostic Follow-up Intervals for Lung Reporting and Data System Criteria on the Effectiveness of Lung Cancer Screening.** *Journal of the American College of Radiology : JACR*  
Bastani, M., Toumazis, I., Hedou', J., Leung, A., Plevritis, S. K.  
2021

- **Development and Validation of a Risk Prediction Tool for Second Primary Lung Cancer.** *Journal of the National Cancer Institute*  
Choi, E., Sanyal, N., Ding, V. Y., Gardner, R. M., Aredo, J. V., Lee, J., Wu, J. T., Hickey, T. P., Barrett, B., Riley, T. L., Wilkens, L. R., Leung, A. N., Le Marchand, et al  
2021
- **Managing Incidental Findings on Thoracic CT: Lung Findings. A White Paper of the ACR Incidental Findings Committee.** *Journal of the American College of Radiology : JACR*  
Munden, R. F., Black, W. C., Hartman, T. E., MacMahon, H., Ko, J. P., Dyer, D. S., Naidich, D., Rossi, S. E., McAdams, H. P., Goodman, E. M., Brown, K., Kent, M., Carter, et al  
2021
- **Multi-institution consensus paper for acquisition of portable chest radiographs through glass barriers.** *Journal of applied clinical medical physics*  
McKenney, S. E., Wait, J. M., Cooper, V. N., Johnson, A. M., Wang, J., Leung, A. N., Clements, J.  
2021
- **Head-to-head Comparison of Qualitative Radiologist Assessment With Automated Quantitative Computed Tomography Analysis for Bronchiolitis Obliterans Syndrome After Hematopoietic Cell Transplantation.** *Journal of thoracic imaging*  
Sharifi, H., Guenther, Z. D., Leung, A. N., Johnston, L., Lai, Y. K., Hsu, J. L., Guo, H. H.  
2021
- **Toxoplasmosis Among 38,751 Hematopoietic Stem Cell Transplant Recipients: A Systematic Review of Disease Prevalence and a Compilation of Imaging and Autopsy Findings.** *Transplantation*  
Contopoulos-Ioannidis, D. G., Cho, S. M., Bertaina, A., Leung, A. N., Fischbein, N., Lanzman, B., Schwenk, H. T., Montoya, J. G.  
2021
- **Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society.** *Radiology*  
Remy-Jardin, M., Ryerson, C. J., Schiebler, M. L., Leung, A. N., Wild, J. M., Hoepfer, M. M., Alderson, P. O., Goodman, L. R., Mayo, J., Haramati, L. B., Ohno, Y., Thistlethwaite, P., van Beek, et al  
2021: 203108
- **Aorto-iliac/right leg arterial thrombosis necessitating limb amputation, pulmonary arterial, intracardiac, and ilio-caval venous thrombosis in a 40-year-old with COVID-19.** *Clinical imaging*  
Madani, M. H., Leung, A. N., Becker, H. C., Chan, F. P., Fleischmann, D. n.  
2021; 75: 1–4
- **A risk-based framework for assessing real-time lung cancer screening eligibility that incorporates life expectancy and past screening findings.** *Cancer*  
Toumazis, I., Alagoz, O., Leung, A., Plevritis, S. K.  
2021
- **Impact of Low-Dose CT Screening for Primary Lung Cancer on Subsequent Risk of Brain Metastasis.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*  
Su, C. C., Wu, J. T., Neal, J. W., Popat, R. A., Kurian, A. W., Backhus, L. M., Nagpal, S., Leung, A. N., Wakelee, H. A., Han, S. S.  
2021
- **Imaging of pulmonary hypertension in adults: a position paper from the Fleischner Society.** *The European respiratory journal*  
Remy-Jardin, M., Ryerson, C. J., Schiebler, M. L., Leung, A. N., Wild, J. M., Hoepfer, M. M., Alderson, P. O., Goodman, L. R., Mayo, J., Haramati, L. B., Ohno, Y., Thistlethwaite, P., van Beek, et al  
2021; 57 (1)
- **Tobacco Smoking and Risk of Second Primary Lung Cancer.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*  
Aredo, J. V., Luo, S. J., Gardner, R. M., Sanyal, N. n., Choi, E. n., Hickey, T. P., Riley, T. L., Huang, W. Y., Kurian, A. W., Leung, A. N., Wilkens, L. R., Robbins, H. A., Riboli, et al  
2021
- **A Shallow Convolutional Neural Network Predicts Prognosis of Lung Cancer Patients in Multi-Institutional CT-Image Data.** *Nature machine intelligence*  
Mukherjee, P., Zhou, M., Lee, E., Schicht, A., Balagurunathan, Y., Napel, S., Gillies, R., Wong, S., Thieme, A., Leung, A., Gevaert, O.  
2020; 2 (5): 274-282
- **The Role of Chest Imaging in Patient Management during the COVID-19 Pandemic: A Multinational Consensus Statement from the Fleischner Society.** *Radiology*

- Rubin, G. D., Haramati, L. B., Kanne, J. P., Schluger, N. W., Yim, J., Anderson, D. J., Altes, T., Desai, S. R., Goo, J. M., Inoue, Y., Luo, F., Prokop, M., Richeldi, et al  
2020: 201365
- **Integrating genomic features for non-invasive early lung cancer detection.** *Nature*  
Chabon, J. J., Hamilton, E. G., Kurtz, D. M., Esfahani, M. S., Moding, E. J., Stehr, H., Schroers-Martin, J., Nabet, B. Y., Chen, B., Chaudhuri, A. A., Liu, C. L., Hui, A. B., Jin, et al  
2020; 580 (7802): 245-251
  - **Integrating genomic features for non-invasive early lung cancer detection** *NATURE*  
Chabon, J. J., Hamilton, E. G., Kurtz, D. M., Esfahani, M. S., Moding, E. J., Stehr, H., Schroers-Martin, J., Nabet, B. Y., Chen, B., Chaudhuri, A. A., Liu, C., Hui, A. B., Jin, et al  
2020
  - **A shallow convolutional neural network predicts prognosis of lung cancer patients in multi-institutional computed tomography image datasets** *Nature Machine Intelligence*  
Mukherjee, P., Zhou, M., Lee, E., Schicht, A., Balagurunathan, Y., Napel, S., Gillies, R., Wong, S., Thieme, A., Leung, A., Gevaert, O.  
2020; 2 (5): 274–282
  - **The Role of Chest Imaging in Patient Management during the COVID-19 Pandemic: A Multinational Consensus Statement from the Fleischner Society.** *Chest*  
Rubin, G. D., Ryerson, C. J., Haramati, L. B., Sverzellati, N. n., Kanne, J. P., Raof, S. n., Schluger, N. W., Volpi, A. n., Yim, J. J., Martin, I. B., Anderson, D. J., Kong, C. n., Altes, et al  
2020
  - **Traumatic Pneumothorax Presenting as a Subcutaneous "Airball".** *American journal of respiratory and critical care medicine*  
Madhok, J. n., Madani, M. H., Leung, A. N., Mihm, F. n.  
2020
  - **Left Atrial Volume as a Biomarker of Atrial Fibrillation at Routine Chest CT: Deep Learning Approach.** *Radiology. Cardiothoracic imaging*  
Bratt, A., Guenther, Z., Hahn, L. D., Kadoch, M., Adams, P. L., Leung, A. N., Guo, H. H.  
2019; 1 (5): e190057
  - **Bone Marrow and Tumor Radiomics at 18F-FDG PET/CT: Impact on Outcome Prediction in Non-Small Cell Lung Cancer.** *Radiology*  
Mattonen, S. A., Davidzon, G. A., Benson, J., Leung, A. N., Vasanawala, M., Horng, G., Shrager, J. B., Napel, S., Nair, V. S.  
2019: 190357
  - **Cost-Effectiveness Analysis of Lung Cancer Screening Accounting for the Effect of Indeterminate Findings** *JNCI CANCER SPECTRUM*  
Toumazis, I., Tsai, E. B., Erdogan, S., Han, S. S., Wan, W., Leung, A., Plevritis, S. K.  
2019; 3 (3)
  - **Cost-Effectiveness Analysis of Lung Cancer Screening Accounting for the Effect of Indeterminate Findings.** *JNCI cancer spectrum*  
Toumazis, I., Tsai, E. B., Erdogan, S. A., Han, S. S., Wan, W., Leung, A., Plevritis, S. K.  
2019; 3 (3): pkz035
  - **[18F] FDG Positron Emission Tomography (PET) Tumor and Penumbra Imaging Features Predict Recurrence in Non-Small Cell Lung Cancer** *TOMOGRAPHY*  
Mattonen, S. A., Davidzon, G. A., Bakr, S., Echegaray, S., Leung, A. C., Vasanawala, M., Horng, G., Napel, S., Nair, V. S.  
2019; 5 (1): 145–53
  - **[18F] FDG Positron Emission Tomography (PET) Tumor and Penumbra Imaging Features Predict Recurrence in Non-Small Cell Lung Cancer.** *Tomography (Ann Arbor, Mich.)*  
Mattonen, S. A., Davidzon, G. A., Bakr, S., Echegaray, S., Leung, A. N., Vasanawala, M., Horng, G., Napel, S., Nair, V. S.  
2019; 5 (1): 145–53
  - **Inter-observer agreement in identifying traction bronchiectasis on computed tomography: its improvement with the use of the additional criteria for chronic fibrosing interstitial pneumonia.** *Japanese journal of radiology*  
Tominaga, J. n., Bankier, A. A., Lee, K. S., Leung, A. N., Remy-Jardin, M. n., Akira, M. n., Arakawa, H. n., Boiselle, P. M., Franquet, T. n., Fujimoto, K. n., Gevenois, P. A., Goo, J. M., Grenier, et al  
2019

- **Left Atrial Volume as a Biomarker of Atrial Fibrillation at Routine Chest CT: Deep Learning Approach** *Radiology: Cardiothoracic Imaging*  
Bratt, A., Guenther, Z., Lewis, H., Kadoch, M., Adams, P. L., Leung, A. N., Guo, H. H.  
2019; 1 (5): 1-7
- **Emergent high fatality lung disease in systemic juvenile arthritis.** *Annals of the rheumatic diseases*  
Saper, V. E., Chen, G. n., Deutsch, G. H., Guillerman, R. P., Birgmeier, J. n., Jagadeesh, K. n., Canna, S. n., Schulert, G. n., Deterding, R. n., Xu, J. n., Leung, A. N., Bouzoubaa, L. n., Abulaban, et al  
2019
- **An Analysis of Lung Cancer Screening Beliefs and Practice Patterns for Community Providers Compared to Academic Providers** *CANCER CONTROL*  
Khairy, M., Duong, D. K., Shariff-Marco, S., Cheng, I., Jain, J., Balakrishnan, A., Liu, L., Gupta, A., Chandramouli, R., Hsing, A., Leung, A., Singh, B., Nair, et al  
2018; 25 (1)
- **A radiogenomic dataset of non-small cell lung cancer** *SCIENTIFIC DATA*  
Bakr, S., Gevaert, O., Echegaray, S., Ayers, K., Zhou, M., Shafiq, M., Zheng, H., Benson, J., Zhang, W., Leung, A. C., Kadoch, M., Hoang, C. D., Shrager, et al  
2018; 5
- **A radiogenomic dataset of non-small cell lung cancer.** *Scientific data*  
Bakr, S., Gevaert, O., Echegaray, S., Ayers, K., Zhou, M., Shafiq, M., Zheng, H., Benson, J. A., Zhang, W., Leung, A. N., Kadoch, M., D Hoang, C., Shrager, et al  
2018; 5: 180202
- **Invited Commentary on "Updated Fleischner Society Guidelines for Managing Incidental Pulmonary Nodules".** *Radiographics : a review publication of the Radiological Society of North America, Inc*  
Leung, A. N.  
2018; 38 (5): 1350–51
- **Invited Commentary on "Updated Fleischner Society Guidelines for Managing Incidental Pulmonary Nodules"** *RADIOGRAPHICS*  
Leung, A. N.  
2018; 38 (5): 1350–51
- **Managing Incidental Findings on Thoracic CT: Mediastinal and Cardiovascular Findings. A White Paper of the ACR Incidental Findings Committee** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*  
Munden, R. F., Carter, B. W., Chiles, C., MacMahon, H., Black, W. C., Ko, J. P., McAdams, H., Rossi, S. E., Leung, A. N., Boiselle, P. M., Kent, M. S., Brown, K., Dyer, et al  
2018; 15 (8): 1087–96
- **Computed Tomography Features associated With the Eighth Edition TNM Stage Classification for Thymic Epithelial Tumors** *JOURNAL OF THORACIC IMAGING*  
Padda, S. K., Terrone, D., Tian, L., Khuong, A., Neal, J. W., Riess, J. W., Berry, M. F., Hoang, C. D., Burt, B. M., Leung, A. N., Schwartz, E. J., Shrager, J. B., Wakelee, et al  
2018; 33 (3): 176–83
- **Lung Cancer Screening, Version 3.2018** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*  
Wood, D. E., Kazerooni, E. A., Baum, S. L., Eapen, G. A., Ettinger, D. S., Hou, L., Jackman, D. M., Klippenstein, D., Kumar, R., Lackner, R. P., Leard, L. E., Lennes, I. T., Leung, et al  
2018; 16 (4): 412–41
- **Presence of Even a Small Ground-Glass Component in Lung Adenocarcinoma Predicts Better Survival** *CLINICAL LUNG CANCER*  
Berry, M. F., Gao, R., Kunder, C. A., Backhus, L., Khuong, A., Kadoch, M., Leung, A., Shrager, J.  
2018; 19 (1): E47–E51
- **An Analysis of Lung Cancer Screening Beliefs and Practice Patterns for Community Providers Compared to Academic Providers.** *Cancer control : journal of the Moffitt Cancer Center*  
Khairy, M., Duong, D. K., Shariff-Marco, S., Cheng, I., Jain, J., Balakrishnan, A., Liu, L., Gupta, A., Chandramouli, R., Hsing, A., Leung, A., Singh, B., Nair, et al  
2018; 25 (1): 1073274818806900
- **Non-Small Cell Lung Cancer Radiogenomics Map Identifies Relationships between Molecular and Imaging Phenotypes with Prognostic Implications.** *Radiology*  
Zhou, M. n., Leung, A. n., Echegaray, S. n., Gentles, A. n., Shrager, J. B., Jensen, K. C., Berry, G. J., Plevritis, S. K., Rubin, D. L., Napel, S. n., Gevaert, O. n.  
2018; 286 (1): 307–15

- **Evaluating the impact of varied compliance to lung cancer screening recommendations using a microsimulation model** *CANCER CAUSES & CONTROL*  
Han, S. S., Erdogan, S., Toumazis, I., Leung, A., Plevritis, S. K.  
2017; 28 (9): 947–58
- **Prediction of EGFR and KRAS mutation in non-small cell lung cancer using quantitative 18F FDG-PET/CT metrics.** *Oncotarget*  
Minamimoto, R., Jamali, M., Gevaert, O., Echegaray, S., Khuong, A., Hoang, C. D., Shrager, J. B., Plevritis, S. K., Rubin, D. L., Leung, A. N., Napel, S., Quon, A.  
2017; 8 (32): 52792-52801
- **Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017** *RADIOLOGY*  
MacMahon, H., Naidich, D. P., Goo, J., Lee, K., Leung, A. C., Mayo, J. R., Mehta, A. C., Ohno, Y., Powell, C. A., Prokop, M., Rubin, G. D., Schaefer-Prokop, C. M., Travis, et al  
2017; 284 (1): 228–43
- **Patient and primary care provider attitudes and adherence towards lung cancer screening at an academic medical center.** *Preventive medicine reports*  
Duong, D. K., Shariff-Marco, S., Cheng, I., Naemi, H., Moy, L. M., Haile, R., Singh, B., Leung, A., Hsing, A., Nair, V. S.  
2017; 6: 17-22
- **Prediction of EGFR and KRAS mutation in non-small cell lung cancer using quantitative 18F FDG-PET/CT metrics.** *Oncotarget*  
Minamimoto, R., Jamali, M., Gevaert, O., Echegaray, S., Khuong, A., Hoang, C. D., Shrager, J. B., Plevritis, S. K., Rubin, D. L., Leung, A. N., Napel, S., Quon, A.  
2017
- **Left Atrium Maximal Axial Cross-Sectional Area is a Specific Computed Tomographic Imaging Biomarker of World Health Organization Group 2 Pulmonary Hypertension.** *Journal of thoracic imaging*  
Jivraj, K., Bedayat, A., Sung, Y. K., Zamanian, R. T., Haddad, F., Leung, A. N., Rosenberg, J., Guo, H. H.  
2017; 32 (2): 121-126
- **Thoracic Imaging Features of Legionnaire's Disease** *INFECTIOUS DISEASE CLINICS OF NORTH AMERICA*  
Mittal, S., Singh, A. P., Gold, M., Leung, A. N., Haramati, L. B., Katz, D. S.  
2017; 31 (1): 43–+
- **Predictive radiogenomics modeling of EGFR mutation status in lung cancer** *SCIENTIFIC REPORTS*  
Gevaert, O., Echegaray, S., Khuong, A., Hoang, C. D., Shrager, J. B., Jensen, K. C., Berry, G. J., Guo, H. H., Lau, C., Plevritis, S. K., Rubin, D. L., Napel, S., Leung, et al  
2017; 7
- **Radiomics and its emerging role in lung cancer research, imaging biomarkers and clinical management: State of the art**  
Lee, G., Lee, H., Park, H., Schiebler, M. L., van Beek, E. R., Ohno, Y., Seo, J., Leung, A.  
ELSEVIER IRELAND LTD.2017: 297–307
- **A Rapid Segmentation-Insensitive "Digital Biopsy" Method for Radiomic Feature Extraction: Method and Pilot Study Using CT Images of Non-Small Cell Lung Cancer.** *Tomography : a journal for imaging research*  
Echegaray, S., Nair, V., Kadoch, M., Leung, A., Rubin, D., Gevaert, O., Napel, S.  
2016; 2 (4): 283-294
- **Adaptation of Mycobacterium tuberculosis to Impaired Host Immunity in HIV-Infected Patients** *JOURNAL OF INFECTIOUS DISEASES*  
Walter, N. D., de Jong, B. C., Garcia, B. J., Dolganov, G. M., Worodria, W., Byanyima, P., Musisi, E., Huang, L., Chan, E. D., Van, T. T., Antonio, M., Ayorinde, A., Kato-Maeda, et al  
2016; 214 (8): 1205-1211
- **A Rapid Segmentation-Insensitive 'Digital Biopsy' Method for Radiomic Feature Extraction; Method and Pilot Study Using CT Images of Non-Small Cell Lung Cancer** *Tomography*  
Echegaray, S., Nair, V., Kadoch, M., Leung, A., Rubin, D., Gevaert, O., Napel Sandy, et al  
2016; 2 (4): 283–94
- **Diameter of Solid Tumor Component Alone Should be Used to Establish T Stage in Lung Adenocarcinoma.** *Annals of surgical oncology*  
Burt, B. M., Leung, A. N., Yanagawa, M., Chen, W., Groth, S. S., Hoang, C. D., Nair, V. S., Shrager, J. B.  
2015; 22: 1318-1323
- **Diameter of Solid Tumor Component Alone Should be Used to Establish T Stage in Lung Adenocarcinoma** *ANNALS OF SURGICAL ONCOLOGY*  
Burt, B. M., Leung, A. N., Yanagawa, M., Chen, W., Groth, S. S., Hoang, C. D., Nair, V. S., Shrager, J. B.

2015; 22: S1318-S1323

- **Computed Tomography (CT) Characteristics Associated with the Proposed IASLC/ITMIG TNM Pathologic Staging System for Thymoma**  
Padda, S. K., Terrone, D., Khuong, A., Tian, L., Neal, J. W., Riess, J. W., Berry, M., Leung, A. N., Schwartz, E. J., Shrager, J. B., Wakelee, H. A.  
ELSEVIER SCIENCE INC.2015: S196
- **Predicting adenocarcinoma recurrence using computational texture models of nodule components in lung CT (vol 42, pg 2054, 2015) MEDICAL PHYSICS**  
Depeursinge, A., Yanagawa, M., Leung, A. N., Rubin, D. L.  
2015; 42 (5): 2653
- **Automated classification of usual interstitial pneumonia using regional volumetric texture analysis in high-resolution computed tomography. Investigative radiology**  
Depeursinge, A., Chin, A. S., Leung, A. N., Terrone, D., Bristow, M., Rosen, G., Rubin, D. L.  
2015; 50 (4): 261-267
- **Predicting adenocarcinoma recurrence using computational texture models of nodule components in lung CT MEDICAL PHYSICS**  
Depeursinge, A., Yanagawa, M., Leung, A. N., Rubin, D. L.  
2015; 42 (4): 2054-2063
- **Lung Cancer Screening, Version 1.2015 Featured Updates to the NCCN Guidelines JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK**  
Wood, D. E., Kazerooni, E., Baum, S. L., Dransfield, M. T., Eapen, G. A., Ettinger, D. S., Hou, L., Jackman, D. M., Klippenstein, D., Kumar, R., Lackner, R. P., Leard, L. E., Leung, et al  
2015; 13 (1): 23-34
- **OPTIMIZED STEERABLE WAVELETS FOR TEXTURE ANALYSIS OF LUNG TISSUE IN 3-D CT: CLASSIFICATION OF USUAL INTERSTITIAL PNEUMONIA**  
Depeursinge, A., Pad, P., Chin, A. S., Leung, A. N., Rubin, D. L., Mueller, H., Unser, M., IEEE  
IEEE.2015: 403-6
- **Lung Volume Reduction After Stereotactic Ablative Radiation Therapy of Lung Tumors: Potential Application to Emphysema INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS**  
Binkley, M. S., Shrager, J. B., Leung, A. N., Popat, R., Trakul, N., Atwood, T. F., Chaudhuri, A., Maxim, P. G., Diehn, M., Loo, B. W.  
2014; 90 (1): 216-223
- **COMPUTED TOMOGRAPHY (CT) CHARACTERISTICS ASSOCIATED WITH MASAOKA-KOGA PATHOLOGIC STAGE IN THYMOMA**  
Padda, S., Terrone, D., Khuong, A., Tian, L., Neal, J. W., Riess, J. W., Hoang, C. D., Burt, B. M., Leung, A. N., Shrager, J. B., Wakelee, H. A.  
LIPPINCOTT WILLIAMS & WILKINS.2014: S222
- **Lung volume reduction after stereotactic ablative radiation therapy of lung tumors: potential application to emphysema. International journal of radiation oncology, biology, physics**  
Binkley, M. S., Shrager, J. B., Leung, A. N., Popat, R., Trakul, N., Atwood, T. F., Chaudhuri, A., Maxim, P. G., Diehn, M., Loo, B. W.  
2014; 90 (1): 216-223
- **ACR-STR practice parameter for the performance and reporting of lung cancer screening thoracic computed tomography (CT): 2014 (Resolution 4). Journal of thoracic imaging**  
Kazerooni, E. A., Austin, J. H., Black, W. C., Dyer, D. S., Hazelton, T. R., Leung, A. N., McNitt-Gray, M. F., Munden, R. F., Pipavath, S.  
2014; 29 (5): 310-316
- **Professionalism in radiology. Journal of thoracic imaging**  
Leung, A. N.  
2014; 29 (5): 284-288
- **Prognostic importance of volumetric measurements in stage I lung adenocarcinoma. Radiology**  
Yanagawa, M., Tanaka, Y., Leung, A. N., Morii, E., Kusumoto, M., Watanabe, S., Watanabe, H., Inoue, M., Okumura, M., Gyobu, T., Ueda, K., Honda, O., Sumikawa, et al  
2014; 272 (2): 557-567
- **Ultra-low-dose CT of the Lung: Effect of Iterative Reconstruction Techniques on Image Quality. Academic radiology**  
Yanagawa, M., Gyobu, T., Leung, A. N., Kawai, M., Kawata, Y., Sumikawa, H., Honda, O., Tomiyama, N.  
2014; 21 (6): 695-703

- **CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT (vol 81, pg 2860, 2012) EUROPEAN JOURNAL OF RADIOLOGY**  
Christe, A., Lin, M. C., Yen, A. C., Hallett, R. L., Roychoudhury, K., Schmitzberger, F., Fleischmann, D., Leung, A. N., Rubin, G. D., Vock, P., Roos, J. E.  
2013; 82 (11): 2067
- **CT patterns of fungal pulmonary infections of the lung: Comparison of standard-dose and simulated low-dose CT EUROPEAN JOURNAL OF RADIOLOGY**  
Christe, A., Lin, M. C., Yen, A. C., Hallett, R. L., Roychoudhury, K., Schmitzberger, F., Fleischmann, D., Leung, A. N., Rubin, G. D., Vock, P., Roos, J. E.  
2012; 81 (10): 2860-2866
- **Expert Opinion What are the Greatest Challenges and/or Barriers to Applying Evidence-based Medicine in the Daily Practice of Cardiopulmonary Radiology? JOURNAL OF THORACIC IMAGING**  
Boiselle, P. M., Collins, J., Dodd, J. D., Herold, C. J., Leung, A. N.  
2012; 27 (5): 271
- **Non-Small Cell Lung Cancer: Identifying Prognostic Imaging Biomarkers by Leveraging Public Gene Expression Microarray Data-Methods and Preliminary Results RADIOLOGY**  
Gevaert, O., Xu, J., Hoang, C. D., Leung, A. N., Xu, Y., Quon, A., Rubin, D. L., Napel, S., Plevritis, S. K.  
2012; 264 (2): 387-396
- **Lung Cancer Screening JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK**  
Wood, D. E., Eapen, G. A., Ettinger, D. S., Hou, L., Jackman, D., Kazerooni, E., Klippenstein, D., Lackner, R. P., Leard, L., Leung, A. N., Massion, P. P., Meyers, B. F., Munden, et al  
2012; 10 (2): 240-265
- **American Thoracic Society Documents: An Official American Thoracic Society/Society of Thoracic Radiology Clinical Practice Guideline-Evaluation of Suspected Pulmonary Embolism in Pregnancy RADIOLOGY**  
Leung, A. N., Bull, T. M., Jaeschke, R., Lockwood, C. J., Boiselle, P. M., Hurwitz, L. M., James, A. H., McCullough, L. B., Menda, Y., Paidas, M. J., Royal, H. D., Tapson, V. F., Winer-Muram, et al  
2012; 262 (2): 635-646
- **An Official American Thoracic Society/Society of Thoracic Radiology Clinical Practice Guideline: Evaluation of Suspected Pulmonary Embolism In Pregnancy AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE**  
Leung, A. N., Bull, T. M., Jaeschke, R., Lockwood, C. J., Boiselle, P. M., Hurwitz, L. M., James, A. H., McCullough, L. B., Menda, Y., Paidas, M. J., Royal, H. D., Tapson, V. F., Winer-Muram, et al  
2011; 184 (10): 1200-1208
- **Integrating medical images and transcriptomic data in non-small cell lung cancer**  
Gevaert, O., Xu, J., Hoang, C., Leung, A., Quon, A., Rubin, D., Napel, S., Plevritis, S.  
AMER ASSOC CANCER RESEARCH.2011
- **Case 166: Metastatic Left Pulmonary Artery Sarcoma RADIOLOGY**  
Mittra, E. S., Iagaru, A. H., Leung, A. N.  
2011; 258 (2): 645-648
- **Yield of diagnostic procedures for invasive fungal infections in neutropenic febrile patients with chest computed tomography abnormalities MYCOSES**  
Ho, D. Y., Lin, M., Schaenman, J., Rosso, F., Leung, A. N., Coutre, S. E., Sista, R. R., Montoya, J. G.  
2011; 54 (1): 59-70
- **Epoprostenol-associated pneumonitis: diagnostic use of a T-cell proliferation assay. journal of heart and lung transplantation**  
Kudelko, K. T., Nadeau, K., Leung, A. N., Liu, J., Haddad, F., Zamanian, R. T., de Jesus Perez, V.  
2010; 29 (9): 1071-1075
- **Epoprostenol-associated pneumonitis: Diagnostic use of a T-cell proliferation assay JOURNAL OF HEART AND LUNG TRANSPLANTATION**  
Kudelko, K. T., Nadeau, K., Leung, A. N., Liu, J., Haddad, F., Zamanian, R. T., Perez, V. D.  
2010; 29 (9): 1071-1075
- **Computer-aided detection (CAD) of lung nodules in CT scans: radiologist performance and reading time with incremental CAD assistance EUROPEAN RADIOLOGY**  
Roos, J. E., Paik, D., Olsen, D., Liu, E. G., Chow, L. C., Leung, A. N., Mindelzun, R., Choudhury, K. R., Naidich, D. P., Napel, S., Rubin, G. D.  
2010; 20 (3): 549-557

- **Best Cases from the AFIP Fatal 2009 Influenza A (H1N1) Infection, Complicated by Acute Respiratory Distress Syndrome and Pulmonary Interstitial Emphysema** *RADIOGRAPHICS*  
Guo, H. H., Sweeney, R. T., Regula, D., Leung, A. N.  
2010; 30 (2): 327-333
- **Cystic Fibrosis HRCT Scores Correlate Strongly With Pseudomonas Infection** *PEDIATRIC PULMONOLOGY*  
Robinson, T. E., Leung, A. N., Chen, X., Moss, R. B., Emond, M. J.  
2009; 44 (11): 1107-1117
- **Discordance rates between preliminary and final radiology reports on cross-sectional imaging studies at a level 1 trauma center** *ACADEMIC RADIOLOGY*  
Stevens, K. J., Griffiths, K. L., Rosenberg, J., Mahadevan, S., Zatz, L. M., Leung, A. N.  
2008; 15 (10): 1217-1226
- **Primary interpretation of thoracic MDCT images using coronal reformations** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Kwan, S. W., Partik, B. L., Zinck, S. E., Chan, F. P., Kee, S. T., Leung, A. N., Voracek, M., Rubin, G. D.  
2005; 185 (6): 1500-1508
- **Recurrent lymphoma of the lung - Computed tomography appearance** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
Hwang, G. L., Leung, A. N., Zinck, S. E., Berry, G. J.  
2005; 29 (2): 228-230
- **Pulmonary nodules on multi-detector row CT scans: Performance comparison of radiologists and computer-aided detection** *RADIOLOGY*  
Rubin, G. D., Lyo, J. K., Paik, D. S., Sherbondy, A. J., Chow, L. C., Leung, A. N., Mindelzun, R., Schraedley-Desmond, P. K., Zinck, S. E., Naidich, D. P., Napel, S.  
2005; 234 (1): 274-283
- **Chronic expanding hematoma: Mystery or misnomer? Reply** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Hwang, G. L., Moffat, S. D., Mitchell, J. D., Leung, A. N.  
2004; 183 (1): 244-244
- **Case 63: hepatopulmonary syndrome.** *Radiology*  
Leung, A. N.  
2003; 229 (1): 64-67
- **Invasive aspergillosis in the setting of cardiac transplantation** *37th Annual Meeting of the Infectious-Diseases-Society-of-America*  
Montoya, J. G., Chaparro, S. V., Celis, D., Cortes, J. A., Leung, A. N., Robbins, R. C., Stevens, D. A.  
UNIV CHICAGO PRESS.2003: S281-S292
- **Composite spirometric-computed tomography outcome measure in early cystic fibrosis lung disease** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Robinson, T. E., Leung, A. N., Northway, W. H., Blankenberg, F. G., Chan, F. P., Bloch, D. A., Holmes, T. H., Moss, R. B.  
2003; 168 (5): 588-593
- **Chronic expanding hematoma of the thorax** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Hwang, G. L., Moffatt, S. D., Mitchell, J. D., Leung, A. N.  
2003; 180 (4): 1182-1183
- **Videofluoroscopy of swallowing abnormalities in 22 symptomatic patients after cardiovascular surgery.** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Partik, B. L., Scharitzer, M., Schueller, G., Voracek, M., Schima, W., Schober, E., Mueller, M. R., Leung, A. N., Denk, D. M., Pokieser, P.  
2003; 180 (4): 987-992
- **Using a dedicated lung-marker system for localization of pulmonary nodules before thoracoscopic surgery** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Partik, B. L., Leung, A. N., Muller, M. R., Breitenseher, M., Eckersberger, F., Dekan, G., Helbich, T. H., Metz, V.  
2003; 180 (3): 805-809
- **Fast tomosynthesis for lung cancer detection using the SBDX geometry** *Medical Imaging 2003 Conference*  
Fahrig, R., Pineda, A. R., Solomon, E. G., Leung, A. N., Pejc, N. J.  
SPIE-INT SOC OPTICAL ENGINEERING.2003: 371-378
- **Bronchogenic carcinoma after lung transplantation: Frequency, clinical characteristics, and imaging findings** *RADIOLOGY*

- Collins, J., Kazerooni, E. A., Lacomis, J., McAdams, H. P., Leung, A. N., Shiau, M., Semenkovich, J., Love, R. B.  
2002; 224 (1): 131-138
- **Short echo time MR spectroscopic imaging of the lung parenchyma** *JOURNAL OF MAGNETIC RESONANCE IMAGING*  
Gold, G. E., Pauly, J. M., Leung, A. N., Block, W. F., Meyer, C. H., Sze, R., Macovski, A., Stark, P.  
2002; 15 (6): 679-684
  - **Pulmonary cryptococcosis: CT and pathologic findings** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
Zinck, S. E., Leung, A. N., Frost, M., Berry, G. J., Muller, N. L.  
2002; 26 (3): 330-334
  - **CT of noninfectious granulomatous lung disease** *RADIOLOGIC CLINICS OF NORTH AMERICA*  
Zinck, S. E., Schwartz, E., Berry, G. J., Leung, A. N.  
2001; 39 (6): 1189-?
  - **Cellulose granulomatosis presenting as centrilobular nodules: CT and histologic findings** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Bendeck, S. E., Leung, A. N., Berry, G. J., Daniel, D., Ruoss, S. J.  
2001; 177 (5): 1151-1153
  - **Spirometer-triggered high-resolution computed tomography and pulmonary function measurements during an acute exacerbation in patients with cystic fibrosis** *JOURNAL OF PEDIATRICS*  
Robinson, T. E., Leung, A. N., Northway, W. H., Blankenberg, F. G., Bloch, D. A., Oehlert, J. W., Al-Dabbagh, H., Hubli, S., Moss, R. B.  
2001; 138 (4): 553-559
  - **Paclitaxel-induced hypersensitivity pneumonitis: radiographic and CT findings.** *AJR. American journal of roentgenology*  
Wong, P., Leung, A. N., Berry, G. J., Atkins, K. A., Montoya, J. G., Ruoss, S. J., Stockdale, F. E.  
2001; 176 (3): 718-720
  - **Case report - Paclitaxel-induced hypersensitivity pneumonitis: Radiographic and CT findings** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Wong, P., Leung, A. N., Berry, G. J., Atkins, K. A., Montoya, J. G., Ruoss, S. J., Stockdale, F. E.  
2001; 176 (3): 718-720
  - **Digital storage phosphor chest radiography: An ROC study of the effect of 2K versus 4K matrix size on observer performance** *RADIOLOGY*  
Miro, S. P., Leung, A. N., Rubin, G. D., Choi, Y. H., Kee, S. T., Mindelzun, R. E., Stark, P., Wexler, L., Plevritis, S. K., Betts, B. J.  
2001; 218 (2): 527-532
  - **A model for faculty mentoring in academic radiology** *ACADEMIC RADIOLOGY*  
Illes, J., Glover, G. H., Wexler, L., Leung, A. N., Glazer, G. M.  
2000; 7 (9): 717-724
  - **A curriculum in chest radiology for diagnostic radiology residency, with goals and objectives** *ACADEMIC RADIOLOGY*  
Kazerooni, E. A., Collins, J., Reddy, G. P., Nath, H. P., Batra, P. V., Boxt, L. M., Duerinckx, A. J., Erasmus, J. J., Fishman, J. E., Leung, A. N., Tarver, R. D., Wexler, L., Winer-Muram, et al  
2000; 7 (9): 730-743
  - **Aorta and iliac arteries: Single versus multiple detector-row helical CT angiography** *RADIOLOGY*  
Rubin, G. D., Shiau, M. C., Leung, A. N., Kee, S. T., Logan, L. J., Sofilos, M. C.  
2000; 215 (3): 670-676
  - **Bronchocentric granulomatosis: Computed tomographic findings in five patients** *CLINICAL RADIOLOGY*  
Ward, S., Heyneman, L. E., Flint, J. D., Leung, A. N., Kazerooni, E. A., Muller, N. L.  
2000; 55 (4): 296-300
  - **Primary bronchogenic carcinoma after heart or lung transplantation: Radiologic and clinical findings** *JOURNAL OF THORACIC IMAGING*  
Choi, Y. H., Leung, A. N., Miro, S., Poirier, C., Hunt, S., Theodore, J.  
2000; 15 (1): 36-40
  - **Computed tomographic angiography: Historical perspective and new state-of-the-art using multi detector-row helical computed tomography** *Workshop on Multiple Perspectives in Magnetic Resonance Imaging Contrast*  
Rubin, G. D., Shiau, M. C., Schmidt, A. J., Fleischmann, D., Logan, L., Leung, A. N., Jeffrey, R. B., Napel, S.  
LIPPINCOTT WILLIAMS & WILKINS.1999: S83-S90

- **Accuracy of CT in the diagnosis of allergic bronchopulmonary aspergillosis in asthmatic patients** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Ward, S., Heyneman, L., Lee, M. J., Leung, A. N., Hansell, D. M., Muller, N. L.  
1999; 173 (4): 937-942
- **Radiology of pneumonia** *CLINICS IN CHEST MEDICINE*  
Katz, D. S., Leung, A. N.  
1999; 20 (3): 549-?
- **Radiologic findings: Pulmonary infections after bone marrow transplantation** *JOURNAL OF THORACIC IMAGING*  
Choi, Y. H., Leung, A. N.  
1999; 14 (3): 201-206
- **Standardized high-resolution CT of the lung using a spirometer-triggered electron beam CT scanner** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Robinson, T. E., Leung, A. N., Moss, R. B., Blankenberg, F. G., Al-Dabbagh, H., Northway, W. H.  
1999; 172 (6): 1636-1638
- **Assessment of pulmonary lesions with F-18-fluorodeoxyglucose positron imaging using coincidence mode gamma cameras** *JOURNAL OF NUCLEAR MEDICINE*  
Weber, W., Young, C., Abdel-Dayem, H. M., Sfakianakis, G., Weir, G. J., Swaney, C. M., Gates, M., Stokkel, M. P., Parker, A., Hines, H., Khanvali, B., Liebig, J. R., Leung, et al  
1999; 40 (4): 574-578
- **Spirometer-triggered high resolution computed tomography (HRCT) of the chest, clinical score, and pulmonary function measurements in cystic fibrosis (CF) patients before and after treatment for a pulmonary exacerbation**  
Robinson, T. E., Leung, A. N., Moss, R. B., Blankenberg, F. G., Bloch, D. A., Oehlert, J. W., Al-Dabbagh, H., Hubli, S., Northway, W. H.  
INT PEDIATRIC RESEARCH FOUNDATION, INC.1999: 355A
- **Pulmonary infections after bone marrow transplantation: Clinical and radiographic findings** *RADIOLOGY*  
Leung, A. N., Gosselin, M. V., Napper, C. H., Braun, S. G., Hu, W. W., Wong, R. M., Gasman, J.  
1999; 210 (3): 699-710
- **Pulmonary tuberculosis: The essentials** *RADIOLOGY*  
Leung, A. N.  
1999; 210 (2): 307-322
- **Lung transplantation for lymphangioleiomyomatosis: Role of imaging in the assessment of complications related to the underlying disease** *RADIOLOGY*  
Collins, J., Muller, N. L., Kazerooni, E. A., McAdams, H. P., Leung, A. N., Love, R. B.  
1999; 210 (2): 325-332
- **Chronic pulmonary coccidioidomycosis: computed tomographic and pathologic findings in 18 patients** *CANADIAN ASSOCIATION OF RADIOLOGISTS JOURNAL-JOURNAL DE L ASSOCIATION CANADIENNE DES RADIOLOGISTES*  
Kim, K. I., Leung, A. N., Flint, J. D., Muller, N. L.  
1998; 49 (6): 401-407
- **Thoracic spiral CT: Influence of subsecond gantry rotation on image quality** *RADIOLOGY*  
Rubin, G. D., Leung, A. N., Robertson, V. J., Stark, P.  
1998; 208 (3): 771-776
- **Epstein-Barr-virus-associated lymphoproliferative disease of the lung: CT and histologic findings** *83rd Annual Meeting of the Radiological-Society-of-North-America*  
Collins, J., Muller, N. L., Leung, A. N., McGuinness, G., Mergo, P. J., Flint, J. D., Warner, T. F., Poirier, C., Theodore, J., Zander, D., Yee, H. T.  
RADIOLOGICAL SOC NORTH AMERICA.1998: 749-59
- **Unsuspected pulmonary embolism: Prospective detection on routine helical CT scans** *RADIOLOGY*  
Gosselin, M. V., Rubin, G. D., Leung, A. N., Huang, J., Rizk, N. W.  
1998; 208 (1): 209-215
- **Primary malignant pulmonary hemangiopericytoma** *CLINICAL IMAGING*  
Katz, D. S., Lane, M. J., Leung, A. N., Marcus, F. S., Sakata, M. K.  
1998; 22 (3): 192-195

- **Sarcoidosis activity: Correlation of HRCT findings with those of Ga-67 scanning, bronchoalveolar lavage, and serum angiotensin-converting enzyme assay** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
Leung, A. N., Brauner, M. W., Caillat-Vigneron, N., Valeyre, D., Grenier, P.  
1998; 22 (2): 229-234
- **Bronchiolitis obliterans after lung transplantation - Detection using expiratory HRCT** *CHEST*  
Leung, A. N., Fisher, K., Valentine, V., Girgis, R. E., Berry, G. J., Robbins, R. C., Theodore, J.  
1998; 113 (2): 365-370
- **Clinics in diagnostic imaging (27). Sarcoidosis.** *Singapore medical journal*  
Leung, A. N.  
1997; 38 (7): 302-304
- **Simulated dose reduction in conventional chest CT: Validation study** *RADIOLOGY*  
Mayo, Whittall, K. P., Leung, A. N., Hartman, T. E., Park, C. S., Primack, S. L., Chambers, G. K., Limkeman, M. K., Toth, T. L., Fox, S. H.  
1997; 202 (2): 453-57
- **Spiral CT of the thorax in daily practice: Optimization of technique** *JOURNAL OF THORACIC IMAGING*  
Leung, A. N.  
1997; 12 (1): 2-10
- **MRI of pulmonary embolism using Gd-DTPA-polyethylene glycol polymer enhanced 3D fast gradient echo technique in a canine model** *MAGNETIC RESONANCE IMAGING*  
Li, K. C., Pelc, L. R., NAPEL, S. A., Goris, M. L., Lin, D. T., SONG, C. K., Leung, A. N., Rubin, G. D., HOLLETT, M. D., Harris, D. P.  
1997; 15 (5): 543-550
- **Radiologic manifestations of lymphoma in the thorax** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Au, V., Leung, A. N.  
1997; 168 (1): 93-98
- **Optimization of thoracic spiral CT: Effects of iodinated contrast medium concentration** *RADIOLOGY*  
Rubin, G. D., Lane, M. J., Bloch, D. A., Leung, A. N., Stark, P.  
1996; 201 (3): 785-791
- **Volumetric, analysis of volumetric data: Achieving a paradigm shift** *RADIOLOGY*  
Rubin, G. D., Napel, S., Leung, A. N.  
1996; 200 (2): 312-317
- **Effects of lobar atelectasis on the distribution of pleural effusion and pneumothorax** *JOURNAL OF THORACIC IMAGING*  
Stark, P., Leung, A.  
1996; 11 (2): 145-149
- **Pulmonary tuberculosis: Comparison of CT findings in HIV-seropositive and HIV-seronegative patients** *RADIOLOGY*  
Leung, A. N., Brauner, M. W., Gamsu, G., MlikaCabanne, N., BenRomdhane, H., Carette, M. F., Grenier, P.  
1996; 198 (3): 687-91
- **Radiographic appearance of central venous catheters** *AMERICAN JOURNAL OF ROENTGENOLOGY*  
Fisher, K. L., Leung, A. N.  
1996; 166 (2): 329-337
- **Abnormalities of the airways and lung parenchyma in asthmatics: CT observations in 50 patients and inter- and intraobserver variability** *EUROPEAN RADIOLOGY*  
Grenier, P., MoureyGerosa, Benali, K., Brauner, M. W., Leung, A. N., Lenoir, S., Cordeau, M. P., Mazoyer, B.  
1996; 6 (2): 199-206
- **VOLUMETRIC APPLICATIONS FOR SPIRAL CT IN THE THORAX** *Conference on Physiology and Function from Multidimensional Images*  
Rubin, G. D., Napel, S., Leung, A.  
SPIE - INT SOC OPTICAL ENGINEERING.1994: 353-360
- **INTRATHORACIC PEDIATRIC TUBERCULOSIS - A REPORT OF 202 CASES** *TUBERCLE AND LUNG DISEASE*

PINEDA, P. R., Leung, A., Muller, N. L., Allen, E. A., Black, W. A., FitzGerald, J. M.  
1993; 74 (4): 261-266

● **PARENCHYMAL OPACIFICATION IN CHRONIC INFILTRATIVE LUNG-DISEASES - CT-PATHOLOGICAL CORRELATION** *RADIOLOGY*

Leung, A. N., MILLER, R. R., Muller, N. L.  
1993; 188 (1): 209-214

● **PRIMARY TUBERCULOSIS IN CHILDHOOD - RADIOGRAPHIC MANIFESTATIONS** *RADIOLOGY*

Leung, A. N., Muller, N. L., PINEDA, P. R., FitzGerald, J. M.  
1992; 182 (1): 87-91

● **CHRONIC DIFFUSE INFILTRATIVE LUNG-DISEASE - COMPARISON OF DIAGNOSTIC-ACCURACY OF HIGH-RESOLUTION AND CONVENTIONAL CT** *AMERICAN JOURNAL OF ROENTGENOLOGY*

Leung, A. N., Staples, C. A., Muller, N. L.  
1991; 157 (4): 693-696

● **CT IN DIFFERENTIAL-DIAGNOSIS OF DIFFUSE PLEURAL DISEASE** *AMERICAN JOURNAL OF ROENTGENOLOGY*

Leung, A. N., Muller, N. L., MILLER, R. R.  
1990; 154 (3): 487-492