# Yoshiharu Ohno

List of Publications by Year
in descending order

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| 197 | 9,518 | 31976 53 | 48315 88 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 200 | 200 | 200 | 7473 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Computed <scp>DWI</scp> MRI Results in Superior Capability for <scp>Nâ€Stage</scp> Assessment of <scp>Nonâ€Small</scp> Cell Lung Cancer Than That of Actual <scp>DWI</scp>, <scp>STIR</scp> Imaging, and <scp>FDGâ€PET</scp>/<scp>CT</scp>. Journal of Magnetic Resonance Imaging, 2023, 57, 259-272. | 3.4 | 5 |
| 2 | Comparison of lung CT number and airway dimension evaluation capabilities of ultra-high-resolution CT, using different scan modes and reconstruction methods including deep learning reconstruction, with those of multi-detector CT in a QIBA phantom study. European Radiology, 2023, 33, 368-379. | 4.5 | 5 |
| 3 | A Bayesian estimation method for cerebral blood flow measurement by area-detector CT perfusion imaging. Neuroradiology, 2023, 65, 65-75. | 2.2 | 1 |
| 4 | Overview of MRI for pulmonary functional imaging. British Journal of Radiology, 2022, 95, 20201053. | 2.2 | 15 |
| 5 | State-of-the-art MR Imaging for Thoracic Diseases. Magnetic Resonance in Medical Sciences, 2022, 21, 212-234. | 2.0 | 7 |
| 6 | Machine learning for lung texture analysis on thin-section CT: Capability for assessments of disease severity and therapeutic effect for connective tissue disease patients in comparison with expert panel evaluations. Acta Radiologica, 2022, 63, 1363-1373. | 1.1 | 7 |
| 7 | Efficacy of Ultrashort Echo Time Pulmonary MRI for Lung Nodule Detection and Lung-RADS Classification. Radiology, 2022, 302, 697-706. | 7.3 | 16 |
| 8 | Editorial for â€œ<scp>MRI</scp> Radiomicsâ€Based Nomogram From Primary Tumor for Pretreatment Prediction of Peripancreatic Lymph Node Metastasis in Pancreatic Ductal Adenocarcinoma: A Multicenter Studyâ€. Journal of Magnetic Resonance Imaging, 2022, 55, 840-841. | 3.4 | 1 |
| 9 | Deep Learning Reconstruction of Diffusion-weighted MRI Improves Image Quality for Prostatic Imaging. Radiology, 2022, 303, 373-381. | 7.3 | 51 |
| 10 | Magnetic resonance imaging for lung cancer: a state-of-the-art review. Precision and Future Medicine, 2022, 6, 49-77. | 1.6 | 4 |
| 11 | Small Cell Lung Cancer Staging: Prospective Comparison of Conventional Staging Tests, FDG PET/CT, Whole-Body MRI, and Coregistered FDG PET/MRI. American Journal of Roentgenology, 2022, 218, 899-908. | 2.2 | 12 |
| 12 | Newly developed artificial intelligence algorithm for COVID-19 pneumonia: utility of quantitative CT texture analysis for prediction of favipiravir treatment effect. Japanese Journal of Radiology, 2022, 40, 800-813. | 2.4 | 11 |
| 13 | Novel Intraoperative Navigation Using Ultra-High-Resolution CT in Robot-Assisted Partial Nephrectomy. Cancers, 2022, 14, 2047. | 3.7 | 4 |
| 14 | Comparison of utility of deep learning reconstruction on 3D MRCPs obtained with three different k-space data acquisitions in patients with IPMN. European Radiology, 2022, 32, 6658-6667. | 4.5 | 9 |
| 15 | Synopsis from Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders. Chest, 2021, 159, 492-495. | 0.8 | 12 |
| 16 | <scp>3D Oxygenâ€Enhanced MRI</scp> at <scp>3T MR</scp> System: Comparison With <scp>Thinâ€Section CT</scp> of Quantitative Capability for Pulmonary Functional Loss Assessment and Clinical Stage Classification of <scp>COPD</scp> in Smokers. Journal of Magnetic Resonance Imaging, 2021, 53, 1042-1051. | 3.4 | 12 |
| 17 | Machine learning for lung CT texture analysis: Improvement of inter-observer agreement for radiological finding classification in patients with pulmonary diseases. European Journal of Radiology, 2021, 134, 109410. | 2.6 | 20 |
| 18 | Compressed sensing and deep learning reconstruction for womenâ€™s pelvic MRI denoising: Utility for improving image quality and examination time in routine clinical practice. European Journal of Radiology, 2021, 134, 109430. | 2.6 | 44 |

| # | Article | IF | Citations |
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| 19 | Deep learning-based and hybrid-type iterative reconstructions for CT: comparison of capability for quantitative and qualitative image quality improvements and small vessel evaluation at dynamic CE-abdominal CT with ultra-high and standard resolutions. Japanese Journal of Radiology, 2021, 39, 186-197. | 2.4 | 18 |
| 20 | Compressed sensing and parallel imaging accelerated T2 FSE sequence for head and neck MR imaging: Comparison of its utility in routine clinical practice. European Journal of Radiology, 2021, 135, 109501. | 2.6 | 13 |
| 21 | Inspiratory/expiratory xenon-enhanced area-detector CT: Capability for quantitative assessment of lung ventilation changes in surgically treated non-small cell lung cancer patients. European Journal of Radiology, 2021, 136, 109574. | 2.6 | 2 |
| 22 | Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 531-549. | 7.3 | 43 |
| 23 | Pulmonary Functional Imaging: Part 2â€"State-of-the-Art Clinical Applications and Opportunities for Improved Patient Care. Radiology, 2021, 299, 524-538. | 7.3 | 29 |
| 24 | Pulmonary Functional Imaging: Part 1â€"State-of-the-Art Technical and Physiologic Underpinnings. Radiology, 2021, 299, 508-523. | 7.3 | 29 |
| 25 | Effect of Bronchial Thermoplasty on Air Trapping Assessed by Xenon Ventilation Computed Tomography. Internal Medicine, 2021, 60, 2027-2032. | 0.7 | 1 |
| 26 | A Case of Multiple Sclerosing Pneumocytomas With Calcifications. Journal of Thoracic Imaging, 2021, Publish Ahead of Print, W109-W114. | 1.5 | 0 |
| 27 | Myoinositol to Total Choline Ratio in Glioblastomas as a Potential Prognostic Factor in Preoperative Magnetic Resonance Spectroscopy. Neurologia Medico-Chirurgica, 2021, 61, 453-460. | 2.2 | 1 |
| 28 | Functional Assessment of Lung Cancer and Nodules. Medical Radiology, 2021, , 259-297. | 0.1 | 1 |
| 29 | Future of Pulmonary Functional Imaging. Medical Radiology, 2021, , 337-360. | 0.1 | 1 |
| 30 | Dynamic Contrast-enhanced Area-detector CT vs Dynamic Contrast-enhanced Perfusion MRI vs FDG-PET/CT: Comparison of Utility for Quantitative Therapeutic Outcome Prediction for NSCLC Patients Undergoing Chemoradiotherapy. Magnetic Resonance in Medical Sciences, 2020, 19, 29-39. | 2.0 | 6 |
| 31 | Comparison of Diagnostic Accuracy for TNM Stage Among Whole-Body MRI and Coregistered PET/MRI Using 1.5-T and 3-T MRI Systems and Integrated PET/CT for Nonâ€"Small Cell Lung Cancer. American Journal of Roentgenology, 2020, 215, 1191-1198. | 2.2 | 23 |
| 32 | Factors associated with silent cerebral events during atrial fibrillation ablation in patients on uninterrupted oral anticoagulation. Journal of Cardiovascular Electrophysiology, 2020, 31, 2889-2897. | 1.7 | 8 |
| 33 | Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. Radiology, 2020, 297, 286-301. | 7.3 | 95 |
| 34 | Variability and Standardization of Quantitative Imaging. Investigative Radiology, 2020, 55, 601-616. | 6.2 | 89 |
| 35 | Differentiation of Benign from Malignant Pulmonary Nodules by Using a Convolutional Neural Network to Determine Volume Change at Chest CT. Radiology, 2020, 296, 432-443. | 7.3 | 15 |
| 36 | Wash-in/wash-out phase xenon-enhanced area-detector CT (ADCT): utility for regional ventilation, pulmonary functional loss and clinical stage evaluations of smokers. Acta Radiologica, 2019, 60, 1619-1628. | 1.1 | 3 |

| # | Article | IF | Citations |
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| 37 | Solitary pulmonary nodule: Comparison of quantitative capability for differentiation and management among dynamic CE-perfusion MRI at 3â€ T system, dynamic CE-perfusion ADCT and FDG-PET/CT. European Journal of Radiology, 2019, 115, 22-30. | 2.6 | 12 |
| 38 | Effects of acquisition method and reconstruction algorithm for CT number measurement on standard-dose CT and reduced-dose CT: a QIBA phantom study. Japanese Journal of Radiology, 2019, 37, 399-411. | 2.4 | 9 |
| 39 | Effect of Reconstruction Parameters on the Quantitative Analysis of Chest Computed Tomography. Journal of Thoracic Imaging, 2019, 34, 92-102. | 1.5 | 21 |
| 40 | Measurement Variability in Treatment Response Determination for Nonâ€“Small Cell Lung Cancer. Journal of Thoracic Imaging, 2019, 34, 103-115. | 1.5 | 14 |
| 41 | Radiation dose reduction techniques for chest CT: Principles and clinical results. European Journal of Radiology, 2019, 111, 93-103. | 2.6 | 35 |
| 42 | Gadolinium-Based Blood Volume Mapping From MRI With Ultrashort TE Versus CT and SPECT for Predicting Postoperative Lung Function in Patients With Nonâ€“Small Cell Lung Cancer. American Journal of Roentgenology, 2019, 212, 57-66. | 2.2 | 6 |
| 43 | Whole-Body MRI: Comparison of Its Capability for TNM Staging of Malignant Pleural Mesothelioma With That of Coregistered PET/MRI, Integrated FDG PET/CT, and Conventional Imaging. American Journal of Roentgenology, 2019, 212, 311-319. | 2.2 | 19 |
| 44 | Outracing Lung Signal Decay â€“ Potential of Ultrashort Echo Time MRI. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 415-423. | 1.3 | 35 |
| 45 | Comparison of computer-aided detection (CADe) capability for pulmonary nodules among standard-, reduced- and ultra-low-dose CTs with and without hybrid type iterative reconstruction technique. European Journal of Radiology, 2018, 100, 49-57. | 2.6 | 14 |
| 46 | Performance Comparison Between18F-FDG PET/CT Plus Brain MRI and Conventional Staging Plus Brain MRI in Staging of Small Cell Lung Carcinoma. American Journal of Roentgenology, 2018, 211, 185-192. | 2.2 | 4 |
| 47 | Update of MR Imaging for Evaluation of Lung Cancer. Radiologic Clinics of North America, 2018, 56, 437-469. | 1.8 | 28 |
| 48 | Comparison of Interobserver Agreement and Diagnostic Accuracy for IASLC/ITMIG Thymic Epithelial Tumor Staging Among Co-registered FDG-PET/MRI, Whole-body MRI, Integrated FDG-PET/CT, and Conventional Imaging Examination with and without Contrast Media Administrations. Academic Radiology, 2018, , . | 2.5 | 12 |
| 49 | MRI for solitary pulmonary nodule and mass assessment: Current state of the art. Journal of Magnetic Resonance Imaging, 2018, 47, 1437-1458. | 3.4 | 35 |
| 50 | Morphologic Characterization of Pulmonary Nodules With Ultrashort TE MRI at 3T. American Journal of Roentgenology, 2018, 210, 1216-1225. | 2.2 | 52 |
| 51 | Comparison of fat suppression capability for chest MR imaging with Dixon, SPAIR and STIR techniques at 3 Tesla MR system. Magnetic Resonance Imaging, 2018, 47, 89-96. | 1.8 | 15 |
| 52 | Comparison of Xenon-Enhanced Area-Detector CT and Krypton Ventilation SPECT/CT for Assessment of Pulmonary Functional Loss and Disease Severity in Smokers. American Journal of Roentgenology, 2018, 210, W45-W53. | 2.2 | 9 |
| 53 | Amide proton transferâ€weighted imaging to differentiate malignant from benign pulmonary lesions: Comparison with diffusionâ€weighted imaging and FDGâ€PET/CT. Journal of Magnetic Resonance Imaging, 2018, 47, 1013-1021. | 3.4 | 27 |
| 54 | Complementary regional heterogeneity information from COPD patients obtained using oxygen-enhanced MRI and chest CT. PLoS ONE, 2018, 13, e0203273. | 2.5 | 14 |

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| 55 | Association of Focal Radiation Dose Adjusted on Cross Sections with Subsolid Nodule Visibility and Quantification on Computed Tomography Images Using AIDR 3D. Academic Radiology, 2018, 25, 1156-1166. | 2.5 | 4 |
| 56 | Magnetic resonance angiography for the primary diagnosis of pulmonary embolism: A review from the international workshop for pulmonary functional imaging. World Journal of Radiology, 2018, 10, 52-64. | 1.1 | 22 |
| 57 | Unenhanced and Contrast-Enhanced MR Angiography and Perfusion Imaging for Suspected Pulmonary Thromboembolism. American Journal of Roentgenology, 2017, 208, 517-530. | 2.2 | 21 |
| 58 | Standard-, Reduced-, and No-Dose Thin-Section Radiologic Examinations: Comparison of Capability for Nodule Detection and Nodule Type Assessment in Patients Suspected of Having Pulmonary Nodules. Radiology, 2017, 284, 562-573. | 7.3 | 66 |
| 59 | Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. Radiology, 2017, 284, 228-243. | 7.3 | 1,587 |
| 60 | Diagnostic performance of different imaging modalities in the assessment of distant metastasis and local recurrence of tumor in patients with nonâ€small cell lung cancer. Journal of Magnetic Resonance Imaging, 2017, 46, 1707-1717. | 3.4 | 20 |
| 61 | Dynamic contrast-enhanced perfusion area-detector CT assessed with various mathematical models: Its capability for therapeutic outcome prediction for non-small cell lung cancer patients with chemoradiotherapy as compared with that of FDG-PET/CT. European Journal of Radiology, 2017, 86, 83-91. | 2.6 | 24 |
| 62 | Xenon-enhanced CT using subtraction CT: Basic and preliminary clinical studies for comparison of its efficacy with that of dual-energy CT and ventilation SPECT/CT to assess regional ventilation and pulmonary functional loss in smokers. European Journal of Radiology, 2017, 86, 41-51. | 2.6 | 20 |
| 63 | Dynamic Contrast-Enhanced Perfusion Area-Detector CT: Preliminary Comparison of Diagnostic Performance for N Stage Assessment With FDG PET/CT in Nonâ€“Small Cell Lung Cancer. American Journal of Roentgenology, 2017, 209, W253-W262. | 2.2 | 9 |
| 64 | Securing safe and informative thoracic CT examinationsâ€”Progress of radiation dose reduction techniques. European Journal of Radiology, 2017, 86, 313-319. | 2.6 | 14 |
| 65 | Pulmonary MR angiography and perfusion imagingâ€”A review of methods and applications. European Journal of Radiology, 2017, 86, 361-370. | 2.6 | 33 |
| 66 | Screening for lung cancer: Does MRI have a role?. European Journal of Radiology, 2017, 86, 353-360. | 2.6 | 62 |
| 67 | Radiomics and its emerging role in lung cancer research, imaging biomarkers and clinical management: State of the art. European Journal of Radiology, 2017, 86, 297-307. | 2.6 | 222 |
| 68 | Magnetic Resonance Imaging (MRI) and Positron Emission Tomography (PET)/MRI for Lung Cancer Staging. Journal of Thoracic Imaging, 2016, 31, 215-227. | 1.5 | 25 |
| 69 | Functional imaging of the lungs with gas agents. Journal of Magnetic Resonance Imaging, 2016, 43, 295-315. | 3.4 | 98 |
| 70 | Pulmonary highâ€resolution ultrashort TE MR imaging: Comparison with thinâ€section standardâ€and lowâ€dose computed tomography for the assessment of pulmonary parenchyma diseases. Journal of Magnetic Resonance Imaging, 2016, 43, 512-532. | 3.4 | 117 |
| 71 | Challenges of Using 3 T MR Systems and Whole-Body MRI for Lung Imaging. Medical Radiology, 2016, , 479-505. | 0.1 | 1 |
| 72 | 3D lung motion assessments on inspiratory/expiratory thin-section CT: Capability for pulmonary functional loss of smoking-related COPD in comparison with lung destruction and air trapping. European Journal of Radiology, 2016, 85, 352-359. | 2.6 | 14 |

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| 73 | Low dose chest CT protocol (50 mAs) as a routine protocol for comprehensive assessment of intrathoracic abnormality. European Journal of Radiology Open, 2016, 3, 86-94. | 1.6 | 33 |
| 74 | Emphysema Quantification Using Ultralow-Dose CT With Iterative Reconstruction and Filtered Back Projection. American Journal of Roentgenology, 2016, 206, 1184-1192. | 2.2 | 30 |
| 75 | Comparative evaluation of newly developed model-based and commercially available hybrid-type iterative reconstruction methods and filter back projection method in terms of accuracy of computer-aided volumetry (CADv) for low-dose CT protocols in phantom study. European Journal of Radiology, 2016, 85, 1375-1382. | 2.6 | 50 |
| 76 | Standard-dose vs. low-dose CT protocols in the evaluation of localized lung lesions: Capability for lesion characterizationâ€"iLEAD study. European Journal of Radiology Open, 2016, 3, 67-73. | 1.6 | 30 |
| 77 | Dynamic contrast-enhanced perfusion area detector CT for non-small cell lung cancer patients: Influence of mathematical models on early prediction capabilities for treatment response and recurrence after chemoradiotherapy. European Journal of Radiology, 2016, 85, 176-186. | 2.6 | 29 |
| 78 | Hybrid Type iterative reconstruction method vs. filter back projection method: Capability for radiation dose reduction and perfusion assessment on dynamic first-pass contrast-enhanced perfusion chest area-detector CT. European Journal of Radiology, 2016, 85, 164-175. | 2.6 | 12 |
| 79 | Chemical Exchange Saturation Transfer MR Imaging: Preliminary Results for Differentiation of Malignant and Benign Thoracic Lesions. Radiology, 2016, 279, 578-589. | 7.3 | 63 |
| 80 | Adaptive iterative dose reduction 3D (AIDR 3D) vs. filtered back projection: radiation dose reduction capabilities of wide volume and helical scanning techniques on area-detector CT in a chest phantom study. Acta Radiologica, 2016, 57, 684-690. | 1.1 | 11 |
| 81 | Contrast-enhanced CT- and MRI-based perfusion assessment for pulmonary diseases: basics and clinical applications. Diagnostic and Interventional Radiology, 2016, 22, 407-421. | 1.5 | 29 |
| 82 | Iterative reconstruction for quantitative computed tomography analysis of emphysema: consistent results using different tube currents. International Journal of COPD, 2015, 10, 321. | 2.3 | 15 |
| 83 | Paired Inspiratory/Expiratory Volumetric CT and Deformable Image Registration for Quantitative and Qualitative Evaluation of Airflow Limitation in Smokers with or without COPD. Academic Radiology, 2015, 22, 330-336. | 2.5 | 10 |
| 84 | Value of diffusion-weighted MR imaging using various parameters for assessment and characterization of solitary pulmonary nodules. European Journal of Radiology, 2015, 84, 509-515. | 2.6 | 55 |
| 85 | Solitary Pulmonary Nodules: Comparison of Dynamic First-Pass Contrast-enhanced Perfusion Area-Detector CT, Dynamic First-Pass Contrast-enhanced MR Imaging, and FDG PET/CT. Radiology, 2015, 274, 563-575. | 7.3 | 66 |
| 86 | Three-way Comparison of Whole-Body MR, Coregistered Whole-Body FDG PET/MR, and Integrated Whole-Body FDG PET/CT Imaging: TNM and Stage Assessment Capability for Nonâ€"Small Cell Lung Cancer Patients. Radiology, 2015, 275, 849-861. | 7.3 | 66 |
| 87 | 3D ECG- and respiratory-gated non-contrast-enhanced (CE) perfusion MRI for postoperative lung function prediction in non-small-cell lung cancer patients: A comparison with thin-section quantitative computed tomography, dynamic CE-perfusion MRI, and perfus. Journal of Magnetic Resonance Imaging, 2015, 42, 340-353. | 3.4 | 16 |
| 88 | Quantitative lung perfused blood volume imaging on dual-energy CT: capability for quantitative assessment of disease severity in patients with acute pulmonary thromboembolism. Acta Radiologica, 2015, 56, 284-293. | 1.1 | 8 |
| 89 | Lung nodule detection performance in five observers on computed tomography (CT) with adaptive iterative dose reduction using three-dimensional processing (AIDR 3D) in a Japanese multicenter study: Comparison between ultra-low-dose CT and low-dose CT by receiver-operating characteristic analysis. European Journal of Radiology, 2015, 84, 1401-1412. | 2.6 | 59 |
| 90 | Lung Cancer Assessment Using MR Imaging. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 231-244. | 1.1 | 15 |

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| 91 | A comparison of axial versus coronal image viewing in computer-aided detection of lung nodules on CT. Japanese Journal of Radiology, 2015, 33, 76-83. | 2.4 | 6 |
| 92 | State-of-the-Art Imaging of the Lung for Connective Tissue Disease (CTD). Current Rheumatology Reports, 2015, 17, 69. | 4.7 | 20 |
| 93 | Diffusion-weighted MR imaging using FASE sequence for 3T MR system: Preliminary comparison of capability for N-stage assessment by means of diffusion-weighted MR imaging using EPI sequence, STIR FASE imaging and FDG PET/CT for non-small cell lung cancer patients. European Journal of Radiology, 2015, 84, 2321-2331. | 2.6 | 23 |
| 94 | PET/CT versus MRI for diagnosis, staging, and follow-up of lung cancer. Journal of Magnetic Resonance Imaging, 2015, 42, 247-260. | 3.4 | 60 |
| 95 | Asthma: Comparison of Dynamic Oxygen-enhanced MR Imaging and Quantitative Thin-Section CT for Evaluation of Clinical Treatment. Radiology, 2014, 273, 907-916. | 7.3 | 29 |
| 96 | New Applications of Magnetic Resonance Imaging for Thoracic Oncology. Seminars in Respiratory and Critical Care Medicine, 2014, 35, 027-040. | 2.1 | 29 |
| 97 | Oxygen-enhanced MRI for patients with connective tissue diseases: Comparison with thin-section CT of capability for pulmonary functional and disease severity assessment. European Journal of Radiology, 2014, 83, 391-397. | 2.6 | 28 |
| 98 | Pulmonary 3 T MRI with ultrashort TEs: Influence of ultrashort echo time interval on pulmonary functional and clinical stage assessments of smokers. Journal of Magnetic Resonance Imaging, 2014, 39, 988-997. | 3.4 | 28 |
| 99 | Emphysema quantification on low-dose CT using percentage of low-attenuation volume and size distribution of low-attenuation lung regions: Effects of adaptive iterative dose reduction using 3D processing. European Journal of Radiology, 2014, 83, 2268-2276. | 2.6 | 19 |
| 100 | Radiation dose reduction in chest CTâ€"Review of available options. European Journal of Radiology, 2014, 83, 1953-1961. | 2.6 | 80 |
| 101 | Airflow Limitation in Chronic Obstructive Pulmonary Disease. Academic Radiology, 2014, 21, 1262-1267. | 2.5 | 4 |
| 102 | Iterative reconstruction technique vs filter back projection: utility for quantitative bronchial assessment on low-dose thin-section MDCT in patients with/without chronic obstructive pulmonary disease. European Radiology, 2014, 24, 1860-1867. | 4.5 | 15 |
| 103 | Diffusion-weighted MR imaging vs. multi-detector row CT: Direct comparison of capability for assessment of management needs for anterior mediastinal solitary tumors. European Journal of Radiology, 2014, 83, 835-842. | 2.6 | 48 |
| 104 | Emphysema Quantification by Combining Percentage and Size Distribution of Low-Attenuation Lung Regions. American Journal of Roentgenology, 2014, 202, W453-W458. | 2.2 | 11 |
| 105 | JOURNAL CLUB: Comparison of Assessment of Preoperative Pulmonary Vasculature in Patients With Nonâ€"Small Cell Lung Cancer by Nonâ€"Contrast- and 4D Contrast-Enhanced 3-T MR Angiography and Contrast-Enhanced 64-MDCT. American Journal of Roentgenology, 2014, 202, 493-506. | 2.2 | 18 |
| 106 | Dynamic Contrast-Enhanced CT and MRI for Pulmonary Nodule Assessment. American Journal of Roentgenology, 2014, 202, 515-529. | 2.2 | 69 |
| 107 | Adaptive Iterative Dose Reduction Using Three Dimensional Processing (AIDR3D) Improves Chest CT Image Quality and Reduces Radiation Exposure. PLoS ONE, 2014, 9, e105735. | 2.5 | 33 |
| 108 | Magnetic Resonance Imaging of Pediatric Lung Parenchyma, Airways, Vasculature, Ventilation, and Perfusion. Radiologic Clinics of North America, 2013, 51, 555-582. | 1.8 | 30 |

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| 109 | Computed diffusion-weighted imaging using 3-T magnetic resonance imaging for prostate cancer diagnosis. European Radiology, 2013, 23, 3509-3516. | 4.5 | 57 |
| 110 | Computer-aided detection of lung nodules on multidetector CT in concurrent-reader and second-reader modes: A comparative study. European Journal of Radiology, 2013, 82, 1332-1337. | 2.6 | 39 |
| 111 | Pulmonary MR imaging with ultra-short TEs: Utility for disease severity assessment of connective tissue disease patients. European Journal of Radiology, 2013, 82, 1359-1365. | 2.6 | 33 |
| 112 | Comparison of the utility of whole-body MRI with and without contrast-enhanced Quick 3D and double RF fat suppression techniques, conventional whole-body MRI, PET/CT and conventional examination for assessment of recurrence in NSCLC patients. European Journal of Radiology, 2013, 82, 2018-2027. | 2.6 | 22 |
| 113 | Comparison of Quantitatively Analyzed Dynamic Area-Detector CT Using Various Mathematic Methods With FDG PET/CT in Management of Solitary Pulmonary Nodules. American Journal of Roentgenology, 2013, 200, W593-W602. | 2.2 | 35 |
| 114 | Magnetic Resonance Imaging for Lung Cancer. Journal of Thoracic Imaging, 2013, 28, 138-150. | 1.5 | 68 |
| 115 | Objective evaluation of the correction by non-rigid registration of abdominal organ motion in low-dose 4D dynamic contrast-enhanced CT. Physics in Medicine and Biology, 2012, 57, 1701-1715. | 3.0 | 16 |
| 116 | Adaptive Iterative Dose Reduction Using 3D Processing for Reduced- and Low-Dose Pulmonary CT: Comparison With Standard-Dose CT for Image Noise Reduction and Radiological Findings. American Journal of Roentgenology, 2012, 199, W477-W485. | 2.2 | 69 |
| 117 | Emphysema Quantification by Low-Dose CT: Potential Impact of Adaptive Iterative Dose Reduction Using 3D Processing. American Journal of Roentgenology, 2012, 199, 595-601. | 2.2 | 47 |
| 118 | Oxygen-Enhanced MRI, Thin-Section MDCT, and Perfusion SPECT/CT: Comparison of Clinical Implications to Patient Care for Lung Volume Reduction Surgery. American Journal of Roentgenology, 2012, 199, 794-802. | 2.2 | 16 |
| 119 | Diffusion-Weighted MRI Versus 18F-FDG PET/CT: Performance as Predictors of Tumor Treatment Response and Patient Survival in Patients With Nonâ€“Small Cell Lung Cancer Receiving Chemoradiotherapy. American Journal of Roentgenology, 2012, 198, 75-82. | 2.2 | 119 |
| 120 | Potential contribution of multiplanar reconstruction (MPR) to computer-aided detection of lung nodules on MDCT. European Journal of Radiology, 2012, 81, 366-370. | 2.6 | 11 |
| 121 | Quantitative bronchial luminal volumetric assessment of pulmonary function loss by thin-section MDCT in pulmonary emphysema patients. European Journal of Radiology, 2012, 81, 384-388. | 2.6 | 9 |
| 122 | Comparison of capability of dynamic O2-enhanced MRI and quantitative thin-section MDCT to assess COPD in smokers. European Journal of Radiology, 2012, 81, 1068-1075. | 2.6 | 27 |
| 123 | Reduced-dose chest CT with 3D automatic exposure control vs. standard chest CT: Quantitative assessment of emphysematous changes in smokersâ€™ lung parenchyma. European Journal of Radiology, 2012, 81, 1330-1334. | 2.6 | 4 |
| 124 | CT hepatic perfusion measurement: Comparison of three analytic methods. European Journal of Radiology, 2012, 81, 2075-2079. | 2.6 | 43 |
| 125 | Contrast-enhanced multidetector-row computed tomography vs. time-resolved magnetic resonance angiography vs. contrast-enhanced perfusion MRI: Assessment of treatment response by patients with inoperable chronic thromboembolic pulmonary hypertension. Journal of Magnetic Resonance Imaging, 2012, 36, spcone-spcone. | 3.4 | 0 |
| 126 | Perfusion measurement of the whole upper abdomen of patients with and without liver diseases: Initial experience with 320-detector row CT. European Journal of Radiology, 2012, 81, 2470-2475. | 2.6 | 42 |

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| 127 | Contrastâ€enhanced multidetectorâ€row computed tomography vs. Timeâ€resolved magnetic resonance angiography vs. contrastâ€enhanced perfusion MRI: Assessment of treatment response by patients with inoperable chronic thromboembolic pulmonary hypertension. Journal of Magnetic Resonance Imaging, 2012, 36, 612-623. | 3.4 | 24 |
| 128 | Utility of Right Ventricular Free Wall Speckle-Tracking Strain for Evaluation of Right Ventricular Performance in Patients with Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2011, 24, 1101-1108. | 2.8 | 167 |
| 129 | Assessment of Pulmonary Hypertension. Academic Radiology, 2011, 18, 437-453. | 2.5 | 22 |
| 130 | Oxygen-enhanced MRI vs. quantitatively assessed thin-section CT: Pulmonary functional loss assessment and clinical stage classification of asthmatics. European Journal of Radiology, 2011, 77, 85-91. | 2.6 | 43 |
| 131 | State-of-the-art radiological techniques improve the assessment of postoperative lung function in patients with non-small cell lung cancer. European Journal of Radiology, 2011, 77, 97-104. | 2.6 | 45 |
| 132 | 3D automatic exposure control for 64-detector row CT: Radiation dose reduction in chest phantom study. European Journal of Radiology, 2011, 77, 522-527. | 2.6 | 18 |
| 133 | Non-small cell carcinoma: Comparison of postoperative intra- and extrathoracic recurrence assessment capability of qualitatively and/or quantitatively assessed FDG-PET/CT and standard radiological examinations. European Journal of Radiology, 2011, 79, 473-479. | 2.6 | 27 |
| 134 | Capability of abdominal 320-detector row CT for small vasculature assessment compared with that of 64-detector row CT. European Journal of Radiology, 2011, 80, 219-223. | 2.6 | 18 |
| 135 | Oxygen-enhanced lung magnetic resonance imaging: influence of inversion pulse slice selectivity on inversion recovery half-Fourier single-shot turbo spin-echo signal. Japanese Journal of Radiology, 2011, 29, 244-250. | 2.4 | 4 |
| 136 | Ventilation/perfusion imaging of the lung using ultraâ€short echo time (UTE) MRI in an animal model of pulmonary embolism. Journal of Magnetic Resonance Imaging, 2011, 34, 539-546. | 3.4 | 43 |
| 137 | N Stage Disease in Patients with Nonâ€“Small Cell Lung Cancer: Efficacy of Quantitative and Qualitative Assessment with STIR Turbo Spin-Echo Imaging, Diffusion-weighted MR Imaging, and Fluorodeoxyglucose PET/CT. Radiology, 2011, 261, 605-615. | 7.3 | 94 |
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