

Pim A De Jong

List of Publications by Year in descending order

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Version: 2024-02-01

339
papers

19,330
citations

19657

61
h-index

16183

124
g-index

342
all docs

342
docs citations

342
times ranked

26199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Basal ganglia calcifications: No association with cognitive function. Journal of Neuroradiology, 2023, 50, 266-270. | 1.1 | 1 |
| 2 | Statistical shape model of the talus bone morphology: A comparison between impinged and nonimpinged ankles. Journal of Orthopaedic Research, 2023, 41, 183-195. | 2.3 | 7 |
| 3 | Intracranial artery calcifications: Risk factors and association with cardiovascular disease and cognitive function. Journal of Neuroradiology, 2022, 49, 281-287. | 1.1 | 15 |
| 4 | Scan-based competing death risk model for re-evaluating lung cancer computed tomography screening eligibility. European Respiratory Journal, 2022, 59, 2101613. | 6.7 | 5 |
| 5 | Computed tomography-based calcium scoring in cadaver leg arteries: Influence of dose, reader, and reconstruction algorithm. European Journal of Radiology, 2022, 146, 110080. | 2.6 | 1 |
| 6 | The effect of maintenance azithromycin on radiological features in patients with bronchiectasis - Analysis from the BAT randomized controlled trial. Respiratory Medicine, 2022, 192, 106718. | 2.9 | 3 |
| 7 | The association between skeletal muscle measures and chemotherapy-induced toxicity in non-small cell lung cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1554-1564. | 7.3 | 18 |
| 8 | Individual treatment effect estimation in the presence of unobserved confounding using proxies: a cohort study in stage III non-small cell lung cancer. Scientific Reports, 2022, 12, 5848. | 3.3 | 2 |
| 9 | Serum biomarkers for arterial calcification in humans: A systematic review. Bone Reports, 2022, 17, 101599. | 0.4 | 12 |
| 10 | Determinants of ¹⁸ F-NaF uptake in femoral arteries in patients with type 2 diabetes mellitus. Journal of Nuclear Cardiology, 2021, 28, 2700-2705. | 2.1 | 11 |
| 11 | Abdominal aortic calcification: from ancient friend to modern foe. European Journal of Preventive Cardiology, 2021, 28, 1386-1391. | 1.8 | 31 |
| 12 | Effect of intravenous thrombolysis in stroke depends on pattern of intracranial internal carotid artery calcification. Atherosclerosis, 2021, 316, 8-14. | 0.8 | 8 |
| 13 | Six months vitamin K treatment does not affect systemic arterial calcification or bone mineral density in diabetes mellitus 2. European Journal of Nutrition, 2021, 60, 1691-1699. | 3.9 | 21 |
| 14 | The Added Value of [¹⁸ F]FDG PET/CT in the Management of Invasive Fungal Infections. Diagnostics, 2021, 11, 137. | 2.6 | 15 |
| 15 | Progression of Emphysema and Small Airways Disease in Cigarette Smokers. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 198-212. | 0.7 | 7 |
| 16 | Combining pulmonary and cardiac computed tomography biomarkers for disease-specific risk modelling in lung cancer screening. European Respiratory Journal, 2021, 58, 2003386. | 6.7 | 8 |
| 17 | Reply to: "Six months vitamin K treatment does not affect systemic arterial calcification or bone mineral density in diabetes mellitus 2". European Journal of Nutrition, 2021, 60, 1703-1704. | 3.9 | 0 |
| 18 | Histology and computed tomography of incidental calcifications in the human basal ganglia. Neuroradiology, 2021, 63, 1145-1148. | 2.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | An elevated ankle-brachial index is not a valid proxy for peripheral medial arterial calcification. <i>Atherosclerosis</i> , 2021, 323, 13-19. | 0.8 | 14 |
| 20 | Deep Learningâ€“Quantified Calcium Scores for Automatic Cardiovascular Mortality Prediction at Lung Screening Low-Dose CT. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e190219. | 2.5 | 7 |
| 21 | Genotype-phenotype correlation in pseudoxanthoma elasticum. <i>Atherosclerosis</i> , 2021, 324, 18-26. | 0.8 | 15 |
| 22 | Coronary Artery Calcification as a Marker for Coronary Artery Stenosis: Comparing Kidney Failure to the General Population. <i>Kidney Medicine</i> , 2021, 3, 386-394.e1. | 2.0 | 3 |
| 23 | Automatic Prediction of Recurrence of Major Cardiovascular Events: A Text Mining Study Using Chest X-Ray Reports. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-11. | 1.9 | 2 |
| 24 | Identification of Risk of Cardiovascular Disease by Automatic Quantification of Coronary Artery Calcifications on Radiotherapy Planning CT Scans in Patients With Breast Cancer. <i>JAMA Oncology</i> , 2021, 7, 1024. | 7.1 | 35 |
| 25 | Mammograms to catch many birds with one stone. <i>European Heart Journal</i> , 2021, 42, 3371-3373. | 2.2 | 3 |
| 26 | Systems Radiology and Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 769. | 2.5 | 0 |
| 27 | Quantification of Calcium in Peripheral Arteries of the Lower Extremities. <i>Investigative Radiology</i> , 2021, Publish Ahead of Print, . | 6.2 | 0 |
| 28 | Pulsatility Attenuation along the Carotid Siphon in Pseudoxanthoma Elasticum. <i>American Journal of Neuroradiology</i> , 2021, 42, 2030-2033. | 2.4 | 1 |
| 29 | Computer-aided Pulmonary Embolism Detection on Virtual Monochromatic Images Compared to Conventional CT Angiography. <i>Radiology</i> , 2021, 301, 420-422. | 7.3 | 3 |
| 30 | Predictors for progressive fibrosis in patients with connective tissue disease associated interstitial lung diseases. <i>Respiratory Medicine</i> , 2021, 187, 106579. | 2.9 | 21 |
| 31 | Pseudohypoparathyroidism mimicking cervical diffuse idiopathic skeletal hyperostosis with dysphagia: A case report and literature review. <i>Bone Reports</i> , 2021, 15, 101111. | 0.4 | 2 |
| 32 | Deep Learning for Lung Cancer Detection on Screening CT Scans: Results of a Large-Scale Public Competition and an Observer Study with 11 Radiologists. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e210027. | 5.8 | 24 |
| 33 | Letter by Spiering et al Regarding Article, â€œEffect of Denosumab or Alendronic Acid on the Progression of Aortic Stenosis: A Double-Blind Randomized Controlled Trialâ€“, <i>Circulation</i> , 2021, 144, e334. | 1.6 | 0 |
| 34 | Arterial calcification on preoperative computed tomography imaging as a risk factor for pharyngocutaneous fistula formation after total laryngectomy. <i>Head and Neck</i> , 2021, , . | 2.0 | 3 |
| 35 | Liver Enhancement on Computed Tomography Is Suboptimal in Patients with Liver Steatosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 1255. | 2.5 | 4 |
| 36 | Detecting low blood concentrations in joints using T1 and T2 mapping at 1.5, 3, and 7 T: an in vitro study. <i>European Radiology Experimental</i> , 2021, 5, 51. | 3.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. <i>Journal of Rheumatology</i> , 2020, 47, 531-538. | 2.0 | 6 |
| 38 | Prevalence and vascular risk factors of basal ganglia calcifications in patients at risk for cerebrovascular disease. <i>Journal of Neuroradiology</i> , 2020, 47, 337-342. | 1.1 | 12 |
| 39 | The Association Between Marital Status, Coronary Computed Tomography Imaging Biomarkers, and Mortality in a Lung Cancer Screening Population. <i>Journal of Thoracic Imaging</i> , 2020, 35, 204-209. | 1.5 | 7 |
| 40 | Mechanisms of calcification in Fahr disease and exposure of potential therapeutic targets. <i>Neurology: Clinical Practice</i> , 2020, 10, 449-457. | 1.6 | 16 |
| 41 | Etidronate halts systemic arterial calcification in pseudoxanthoma elasticum. <i>Atherosclerosis</i> , 2020, 292, 37-41. | 0.8 | 40 |
| 42 | Loss of skeletal muscle index and survival in patients with metastatic colorectal cancer: Secondary analysis of the phase 3 CAIRO3 trial. <i>Cancer Medicine</i> , 2020, 9, 1033-1043. | 2.8 | 23 |
| 43 | The effect of etidronate on choroidal neovascular activity in patients with pseudoxanthoma elasticum. <i>PLoS ONE</i> , 2020, 15, e0240970. | 2.5 | 5 |
| 44 | Intimal and medial calcification in relation to cardiovascular risk factors. <i>PLoS ONE</i> , 2020, 15, e0235228. | 2.5 | 34 |
| 45 | Osteoarthritis in Pseudoxanthoma Elasticum Patients: An Explorative Imaging Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3898. | 2.4 | 4 |
| 46 | A Reflectivity Measure to Quantify Bruch's Membrane Calcification in Patients with Pseudoxanthoma Elasticum Using Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2020, 9, 34. | 2.2 | 8 |
| 47 | Increased Elastin Degradation in Pseudoxanthoma Elasticum Is Associated with Peripheral Arterial Disease Independent of Calcification. <i>Journal of Clinical Medicine</i> , 2020, 9, 2771. | 2.4 | 10 |
| 48 | Intracranial Arterial Calcification: Prevalence, Risk Factors, and Consequences. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1595-1604. | 2.8 | 34 |
| 49 | Suboptimal Quality and High Risk of Bias in Diagnostic Test Accuracy Studies at Chest Radiography and CT in the Acute Setting of the COVID-19 Pandemic: A Systematic Review. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200342. | 2.5 | 12 |
| 50 | Comparison of the Heel Enthesitis MRI Scoring System (HEMRIS) with clinical enthesitis and local metabolic activity on PET-CT. <i>RMD Open</i> , 2020, 6, e001424. | 3.8 | 8 |
| 51 | CT calcification patterns of peripheral arteries in patients without known peripheral arterial disease. <i>European Journal of Radiology</i> , 2020, 128, 108973. | 2.6 | 18 |
| 52 | Signs of Pulmonary Infection on Admission Chest Computed Tomography Are Associated With Pneumonia or Death in Patients With Acute Stroke. <i>Stroke</i> , 2020, 51, 1690-1695. | 2.0 | 22 |
| 53 | Diffuse idiopathic skeletal hyperostosis: Etiology and clinical relevance. <i>Best Practice and Research in Clinical Rheumatology</i> , 2020, 34, 101527. | 3.3 | 51 |
| 54 | Predicting the mechanical hip-knee-ankle angle accurately from standard knee radiographs: a cross-validation experiment in 100 patients. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 732-737. | 3.3 | 10 |

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|----|--|------|-----------|
| 55 | Coiling of the Internal Carotid Artery is Associated with Hypertension in Patients Suspected of Stroke. <i>Clinical Neuroradiology</i> , 2020, 31, 425-430. | 1.9 | 4 |
| 56 | Low IgA Associated With Oropharyngeal Microbiota Changes and Lung Disease in Primary Antibody Deficiency. <i>Frontiers in Immunology</i> , 2020, 11, 1245. | 4.8 | 25 |
| 57 | Deep Learning for Automatic Calcium Scoring in CT: Validation Using Multiple Cardiac CT and Chest CT Protocols. <i>Radiology</i> , 2020, 295, 66-79. | 7.3 | 140 |
| 58 | Mucus plugging, air trapping, and bronchiectasis are important outcome measures in assessing progressive childhood cystic fibrosis lung disease. <i>Pediatric Pulmonology</i> , 2020, 55, 929-938. | 2.0 | 16 |
| 59 | The Predictive Value of Low Muscle Mass as Measured on CT Scans for Postoperative Complications and Mortality in Gastric Cancer Patients: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 199. | 2.4 | 28 |
| 60 | Is arterial stiffness in the carotid artery associated with choroidal thinning in patients with pseudoxanthoma elasticum or controls?. <i>Acta Ophthalmologica</i> , 2020, 98, 492-499. | 1.1 | 3 |
| 61 | Reduced Lung-Cancer Mortality with Volume CT Screening in a Randomized Trial. <i>New England Journal of Medicine</i> , 2020, 382, 503-513. | 27.0 | 1,836 |
| 62 | Progression of coronary artery calcification in conventional hemodialysis, nocturnal hemodialysis, and kidney transplantation. <i>PLoS ONE</i> , 2020, 15, e0244639. | 2.5 | 1 |
| 63 | Multimodal Learning for Cardiovascular Risk Prediction using EHR Data. , 2020, , . | | 8 |
| 64 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 65 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 66 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 67 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 68 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 69 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 70 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 71 | Title is missing!. , 2020, 15, e0244639. | | 0 |
| 72 | The prevalence of pseudoxanthoma elasticum: Revised estimations based on genotyping in a high vascular risk cohort. <i>European Journal of Medical Genetics</i> , 2019, 62, 90-92. | 1.3 | 26 |

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|----|--|------|-----------|
| 73 | Unravelling complexities of the subsolid pulmonary nodule“ detection, characterization, natural history, monitoring and (future) patient management. <i>Journal of Thoracic Disease</i> , 2019, 11, S1402-S1407. | 1.4 | 1 |
| 74 | Diagnostic Performance of On-Site Coronary CT Angiography“derived Fractional Flow Reserve Based on Patient-specific Lumped Parameter Models. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e190036. | 2.5 | 13 |
| 75 | Sex Differences in Coronary Artery and Thoracic Aorta Calcification and Their Association With Cardiovascular Mortality in Heavy Smokers. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1808-1817. | 5.3 | 25 |
| 76 | Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002471. | 3.6 | 22 |
| 77 | Application of speCtraL computed tomogrAphy to impRove specificity of cardiac compuTed tomographY (CLARITY study): rationale and design. <i>BMJ Open</i> , 2019, 9, e025793. | 1.9 | 5 |
| 78 | Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. <i>Radiology</i> , 2019, 291, 420-426. | 7.3 | 26 |
| 79 | Direct Automatic Coronary Calcium Scoring in Cardiac and Chest CT. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2127-2138. | 8.9 | 82 |
| 80 | Iterative fully convolutional neural networks for automatic vertebra segmentation and identification. <i>Medical Image Analysis</i> , 2019, 53, 142-155. | 11.6 | 170 |
| 81 | Three-dimensional analysis of shape variations and symmetry of the fibula, tibia, calcaneus and talus. <i>Journal of Anatomy</i> , 2019, 234, 132-144. | 1.5 | 44 |
| 82 | Role of FDG PET/CT in monitoring treatment response in patients with invasive fungal infections. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 174-183. | 6.4 | 41 |
| 83 | Primary lung cancer in patients with previous malignancies: a nationwide study. <i>Thorax</i> , 2019, 74, 492-495. | 5.6 | 1 |
| 84 | Direct prediction of cardiovascular mortality from low-dose chest CT using deep learning. , 2019, , . | | 7 |
| 85 | Accelerated peripheral vascular aging in pseudoxanthoma elasticum “ proof of concept for arterial calcification-induced cardiovascular disease. <i>Aging</i> , 2019, 11, 1062-1064. | 3.1 | 13 |
| 86 | Contrast agent concentration optimization in CTA using low tube voltage and dual-energy CT in multiple vendors: a phantom study. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1265-1275. | 1.5 | 42 |
| 87 | Etidronate for Prevention of Ectopic“Mineralization in Patients With Pseudoxanthoma“Elasticum. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1117-1126. | 2.8 | 88 |
| 88 | In vivo growth of 60 non-screening detected lung cancers: a computed tomography study. <i>European Respiratory Journal</i> , 2018, 51, 1702183. | 6.7 | 12 |
| 89 | The Natural Course of Diffuse Idiopathic Skeletal Hyperostosis in the Thoracic Spine of Adult Males. <i>Journal of Rheumatology</i> , 2018, 45, 1116-1123. | 2.0 | 27 |
| 90 | Bone mineral density changes over time in diffuse idiopathic skeletal hyperostosis of the thoracic spine. <i>Bone</i> , 2018, 112, 90-96. | 2.9 | 19 |

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|-----|---|-----|-----------|
| 91 | Generalized cardiovascular disease on a preoperative CT scan is predictive for anastomotic leakage after esophagectomy. <i>European Journal of Surgical Oncology</i> , 2018, 44, 587-593. | 1.0 | 23 |
| 92 | Automatic Calcium Scoring in Low-Dose Chest CT Using Deep Neural Networks With Dilated Convolutions. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 615-625. | 8.9 | 176 |
| 93 | Arterial stiffening and thickening in patients with pseudoxanthoma elasticum. <i>Atherosclerosis</i> , 2018, 270, 160-165. | 0.8 | 11 |
| 94 | Validation of an imaging based cardiovascular risk score in a Scottish population. <i>European Journal of Radiology</i> , 2018, 98, 143-149. | 2.6 | 3 |
| 95 | Radiation dose reduction for CT assessment of urolithiasis using iterative reconstruction: A prospective intra-individual study. <i>European Radiology</i> , 2018, 28, 143-150. | 4.5 | 17 |
| 96 | Incidental perifissural nodules on routine chest computed tomography: lung cancer or not?. <i>European Radiology</i> , 2018, 28, 1095-1101. | 4.5 | 28 |
| 97 | Computed tomography image quality of aortic stents in patients with aortic coarctation: a multicentre evaluation. <i>European Radiology Experimental</i> , 2018, 2, 17. | 3.4 | 7 |
| 98 | Emphysema quantification using chest CT: influence of radiation dose reduction and reconstruction technique. <i>European Radiology Experimental</i> , 2018, 2, 30. | 3.4 | 29 |
| 99 | Coronary Artery Calcification in Hemodialysis and Peritoneal Dialysis. <i>American Journal of Nephrology</i> , 2018, 48, 369-377. | 3.1 | 26 |
| 100 | Cyst-related primary lung malignancies: an important and relatively unknown imaging appearance of (early) lung cancer. <i>European Respiratory Review</i> , 2018, 27, 180079. | 7.1 | 16 |
| 101 | Histological validation of calcifications in the human hippocampus as seen on computed tomography. <i>PLoS ONE</i> , 2018, 13, e0197073. | 2.5 | 11 |
| 102 | Brock malignancy risk calculator for pulmonary nodules: validation outside a lung cancer screening population. <i>Thorax</i> , 2018, 73, 857-863. | 5.6 | 36 |
| 103 | Simultaneous occurrence of ankylosing spondylitis and diffuse idiopathic skeletal hyperostosis: a systematic review. <i>Rheumatology</i> , 2018, 57, 2120-2128. | 1.9 | 32 |
| 104 | Risk factors for atherosclerotic and medial arterial calcification of the intracranial internal carotid artery. <i>Atherosclerosis</i> , 2018, 276, 44-49. | 0.8 | 43 |
| 105 | Anterior longitudinal ligament in diffuse idiopathic skeletal hyperostosis: Ossified or displaced?. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2491-2496. | 2.3 | 7 |
| 106 | Impact of different palliative systemic treatments on skeletal muscle mass in metastatic colorectal cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 909-919. | 7.3 | 42 |
| 107 | The amount of calcifications in pseudoxanthoma elasticum patients is underestimated in computed tomographic imaging; a post-mortem correlation of histological and computed tomographic findings in two cases. <i>Insights Into Imaging</i> , 2018, 9, 493-498. | 3.4 | 13 |
| 108 | Hippocampal Calcifications: Risk Factors and Association with Cognitive Function. <i>Radiology</i> , 2018, 288, 815-820. | 7.3 | 12 |

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|-----|--|-----|-----------|
| 109 | Impact of automatically detected motion artifacts on coronary calcium scoring in chest computed tomography. <i>Journal of Medical Imaging</i> , 2018, 5, 1. | 1.5 | 6 |
| 110 | Diagnosis of diffuse idiopathic skeletal hyperostosis with chest computed tomography: inter-observer agreement. <i>European Radiology</i> , 2017, 27, 188-194. | 4.5 | 30 |
| 111 | Subsolid pulmonary nodule morphology and associated patient characteristics in a routine clinical population. <i>European Radiology</i> , 2017, 27, 689-696. | 4.5 | 16 |
| 112 | Precision medicine in <sc>COPD</sc>: Are we making it too difficult?. <i>Respirology</i> , 2017, 22, 211-212. | 2.3 | 1 |
| 113 | Parametric response mapping on chest computed tomography associates with clinical and functional parameters in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017, 123, 48-55. | 2.9 | 52 |
| 114 | Cerebral disease in a nationwide Dutch pseudoxanthoma elasticum cohort with a systematic review of the literature. <i>Journal of the Neurological Sciences</i> , 2017, 373, 167-172. | 0.6 | 26 |
| 115 | Feasibility and accuracy of dual-layer spectral detector computed tomography for quantification of gadolinium: a phantom study. <i>European Radiology</i> , 2017, 27, 3677-3686. | 4.5 | 21 |
| 116 | Air trapping on computed tomography: regional <i>versus</i> diffuse. <i>European Respiratory Journal</i> , 2017, 49, 1601791. | 6.7 | 10 |
| 117 | IgG trough levels and progression of pulmonary disease in pediatric and adult common variable immunodeficiency disorder patients. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 303-306.e4. | 2.9 | 16 |
| 118 | ConvNet-Based Localization of Anatomical Structures in 3-D Medical Images. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1470-1481. | 8.9 | 94 |
| 119 | Calcification of the splenic, iliac, and breast arteries and risk of all-cause and cardiovascular mortality. <i>Atherosclerosis</i> , 2017, 259, 120-127. | 0.8 | 33 |
| 120 | Final screening round of the NELSON lung cancer screening trial: the effect of a 2.5-year screening interval. <i>Thorax</i> , 2017, 72, 48-56. | 5.6 | 212 |
| 121 | Accuracy of bone mineral density quantification using dual-layer spectral detector CT: a phantom study. <i>European Radiology</i> , 2017, 27, 4351-4359. | 4.5 | 60 |
| 122 | Computed tomographic findings in subjects who died from respiratory disease in the National Lung Screening Trial. <i>European Respiratory Journal</i> , 2017, 49, 1601814. | 6.7 | 26 |
| 123 | Inter-arm systolic blood pressure differences, relations with future vascular events and mortality in patients with and without manifest vascular disease. <i>International Journal of Cardiology</i> , 2017, 244, 271-276. | 1.7 | 30 |
| 124 | Uniform data collection in routine clinical practice in cardiovascular patients for optimal care, quality control and research: The Utrecht Cardiovascular Cohort. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 840-847. | 1.8 | 18 |
| 125 | Aortic Valve and Thoracic Aortic Calcification Measurements. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 148-155. | 0.9 | 3 |
| 126 | CT-Based Local Distribution Metric Improves Characterization of COPD. <i>Scientific Reports</i> , 2017, 7, 2999. | 3.3 | 26 |

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|-----|---|-----|-----------|
| 127 | Classification criteria for diffuse idiopathic skeletal hyperostosis: a lack of consensus. <i>Rheumatology</i> , 2017, 56, 1123-1134. | 1.9 | 47 |
| 128 | Classification of coronary artery calcifications according to motion artifacts in chest CT using a convolutional neural network. <i>Proceedings of SPIE</i> , 2017, , . | 0.8 | 3 |
| 129 | Risk stratification based on screening history: the NELSON lung cancer screening study. <i>Thorax</i> , 2017, 72, 819-824. | 5.6 | 54 |
| 130 | Quantification of growth patterns of screen-detected lung cancers: The NELSON study. <i>Lung Cancer</i> , 2017, 108, 48-54. | 2.0 | 31 |
| 131 | Prevalence and severity of arterial calcifications in pseudoxanthoma elasticum (PXE) compared to hospital controls. Novel insights into the vascular phenotype of PXE. <i>Atherosclerosis</i> , 2017, 256, 7-14. | 0.8 | 33 |
| 132 | Complications After Stent Placement for Aortic Coarctation. <i>Journal of Thoracic Imaging</i> , 2017, 32, W69-W80. | 1.5 | 8 |
| 133 | Reference values for fluorine-18-fluorodeoxyglucose and fluorine-18-sodium fluoride uptake in human arteries. <i>Nuclear Medicine Communications</i> , 2017, 38, 998-1006. | 1.1 | 8 |
| 134 | Coronary fluorine-18-sodium fluoride uptake is increased in healthy adults with an unfavorable cardiovascular risk profile. <i>Nuclear Medicine Communications</i> , 2017, 38, 1007-1014. | 1.1 | 37 |
| 135 | Frequency and characteristics of pulmonary nodules in children at computed tomography. <i>Pediatric Radiology</i> , 2017, 47, 1751-1758. | 2.0 | 30 |
| 136 | Absence of Post-Transplantation Encapsulating Peritoneal Sclerosis after Relatively Short Exposure to Peritoneal Dialysis: Prospective Analysis Using Repeated Abdominal Ct Scanning. <i>Peritoneal Dialysis International</i> , 2017, 37, 443-450. | 2.3 | 1 |
| 137 | Thoracic aorta calcification but not inflammation is associated with increased cardiovascular disease risk: results of the CAMONA study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 249-258. | 6.4 | 99 |
| 138 | Dual energy CT to reveal pseudo leakage of frozen elephant trunk. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 240-241. | 1.3 | 1 |
| 139 | Morphological characteristics of diffuse idiopathic skeletal hyperostosis in the cervical spine. <i>PLoS ONE</i> , 2017, 12, e0188414. | 2.5 | 25 |
| 140 | Normalized emphysema scores on low dose CT: Validation as an imaging biomarker for mortality. <i>PLoS ONE</i> , 2017, 12, e0188902. | 2.5 | 14 |
| 141 | Images in COPD: Combined Pulmonary Emphysema and Fibrosis with Pulmonary Hypertension. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017, 4, 76-80. | 0.7 | 2 |
| 142 | Radiation dose reduction in pediatric great vessel stent computed tomography using iterative reconstruction: A phantom study. <i>PLoS ONE</i> , 2017, 12, e0175714. | 2.5 | 4 |
| 143 | Hippocampal Calcification on Computed Tomography in Relation to Cognitive Decline in Memory Clinic Patients: A Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0167444. | 2.5 | 13 |
| 144 | Smokers with emphysema and small airway disease on computed tomography have lower bone density. <i>International Journal of COPD</i> , 2016, 11, 1207. | 2.3 | 15 |

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|-----|--|------|-----------|
| 145 | Bisphosphonates for cardiovascular risk reduction: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2016, 252, 106-115. | 0.8 | 108 |
| 146 | Fleischner recommendations for the management of subsolid pulmonary nodules: high awareness but limited conformance – a survey study. <i>European Radiology</i> , 2016, 26, 3840-3849. | 4.5 | 28 |
| 147 | Follow-up of CT-derived airway wall thickness: Correcting for changes in inspiration level improves reliability. <i>European Journal of Radiology</i> , 2016, 85, 2008-2013. | 2.6 | 8 |
| 148 | Submillisievert coronary calcium quantification using model-based iterative reconstruction: A within-patient analysis. <i>European Journal of Radiology</i> , 2016, 85, 2152-2159. | 2.6 | 26 |
| 149 | Accuracy of CT Pulmonary Artery Diameter for Pulmonary Hypertension in End-Stage COPD. <i>Lung</i> , 2016, 194, 813-819. | 3.3 | 23 |
| 150 | Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 511-520. | 5.1 | 54 |
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