

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

22548

61
h-index

18400

124
g-index

342
all docs

342
docs citations

342
times ranked

28550
citing authors

#	ARTICLE	IF	CITATIONS
1	Basal ganglia calcifications: No association with cognitive function. <i>Journal of Neuroradiology</i> , 2023, 50, 266-270.	0.6	1
2	Statistical shape model of the talus bone morphology: A comparison between impinged and nonimpinged ankles. <i>Journal of Orthopaedic Research</i> , 2023, 41, 183-195.	1.2	7
3	Intracranial artery calcifications: Risk factors and association with cardiovascular disease and cognitive function. <i>Journal of Neuroradiology</i> , 2022, 49, 281-287.	0.6	15
4	Scan-based competing death risk model for re-evaluating lung cancer computed tomography screening eligibility. <i>European Respiratory Journal</i> , 2022, 59, 2101613.	3.1	5
5	Computed tomography-based calcium scoring in cadaver leg arteries: Influence of dose, reader, and reconstruction algorithm. <i>European Journal of Radiology</i> , 2022, 146, 110080.	1.2	1
6	The effect of maintenance azithromycin on radiological features in patients with bronchiectasis - Analysis from the BAT randomized controlled trial. <i>Respiratory Medicine</i> , 2022, 192, 106718.	1.3	3
7	The association between skeletal muscle measures and chemotherapy-induced toxicity in non-small cell lung cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1554-1564.	2.9	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. <i>Scientific Reports</i> , 2022, 12, 5848.	1.6	2
9	Serum biomarkers for arterial calcification in humans: A systematic review. <i>Bone Reports</i> , 2022, 17, 101599.	0.2	12
10	Determinants of ¹⁸ F-NaF uptake in femoral arteries in patients with type 2 diabetes mellitus. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2700-2705.	1.4	11
11	Abdominal aortic calcification: from ancient friend to modern foe. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1386-1391.	0.8	31
12	Effect of intravenous thrombolysis in stroke depends on pattern of intracranial internal carotid artery calcification. <i>Atherosclerosis</i> , 2021, 316, 8-14.	0.4	8
13	Six months vitamin K treatment does not affect systemic arterial calcification or bone mineral density in diabetes mellitus 2. <i>European Journal of Nutrition</i> , 2021, 60, 1691-1699.	1.8	21
14	The Added Value of [¹⁸ F]FDG PET/CT in the Management of Invasive Fungal Infections. <i>Diagnostics</i> , 2021, 11, 137.	1.3	15
15	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 198-212.	0.5	7
16	Combining pulmonary and cardiac computed tomography biomarkers for disease-specific risk modelling in lung cancer screening. <i>European Respiratory Journal</i> , 2021, 58, 2003386.	3.1	8
17	Reply to: "six months vitamin K treatment does not affect systemic arterial calcification or bone mineral density in diabetes mellitus 2". <i>European Journal of Nutrition</i> , 2021, 60, 1703-1704.	1.8	0
18	Histology and computed tomography of incidental calcifications in the human basal ganglia. <i>Neuroradiology</i> , 2021, 63, 1145-1148.	1.1	3

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19	An elevated ankle-brachial index is not a valid proxy for peripheral medial arterial calcification. <i>Atherosclerosis</i> , 2021, 323, 13-19.	0.4	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.	0.9	7
21	Genotype-phenotype correlation in pseudoxanthoma elasticum. <i>Atherosclerosis</i> , 2021, 324, 18-26.	0.4	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.	1.0	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.	1.1	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.	3.4	35
25	Mammograms to catch many birds with one stone. <i>European Heart Journal</i> , 2021, 42, 3371-3373.	1.0	3
26	Systems Radiology and Personalized Medicine. <i>Journal of Personalized Medicine</i> , 2021, 11, 769.	1.1	0
27	Quantification of Calcium in Peripheral Arteries of the Lower Extremities. <i>Investigative Radiology</i> , 2021, Publish Ahead of Print, .	3.5	0
28	Pulsatility Attenuation along the Carotid Siphon in Pseudoxanthoma Elasticum. <i>American Journal of Neuroradiology</i> , 2021, 42, 2030-2033.	1.2	1
29	Computer-aided Pulmonary Embolism Detection on Virtual Monochromatic Images Compared to Conventional CT Angiography. <i>Radiology</i> , 2021, 301, 420-422.	3.6	3
30	Predictors for progressive fibrosis in patients with connective tissue disease associated interstitial lung diseases. <i>Respiratory Medicine</i> , 2021, 187, 106579.	1.3	21
31	Pseudohypoparathyroidism mimicking cervical diffuse idiopathic skeletal hyperostosis with dysphagia: A case report and literature review. <i>Bone Reports</i> , 2021, 15, 101111.	0.2	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.	3.0	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, , .	0.9	3
35	Liver Enhancement on Computed Tomography Is Suboptimal in Patients with Liver Steatosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 1255.	1.1	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.	1.7	5

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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.	1.0	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.	0.6	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.	0.8	7
40	Mechanisms of calcification in Fahr disease and exposure of potential therapeutic targets. <i>Neurology: Clinical Practice</i> , 2020, 10, 449-457.	0.8	16
41	Etidronate halts systemic arterial calcification in pseudoxanthoma elasticum. <i>Atherosclerosis</i> , 2020, 292, 37-41.	0.4	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.	1.3	23
43	The effect of etidronate on choroidal neovascular activity in patients with pseudoxanthoma elasticum. <i>PLoS ONE</i> , 2020, 15, e0240970.	1.1	5
44	Intimal and medial calcification in relation to cardiovascular risk factors. <i>PLoS ONE</i> , 2020, 15, e0235228.	1.1	34
45	Osteoarthritis in Pseudoxanthoma Elasticum Patients: An Explorative Imaging Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3898.	1.0	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.	1.1	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.	1.0	10
48	Intracranial Arterial Calcification: Prevalence, Risk Factors, and Consequences. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1595-1604.	1.2	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.	0.9	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.	1.8	8
51	CT calcification patterns of peripheral arteries in patients without known peripheral arterial disease. <i>European Journal of Radiology</i> , 2020, 128, 108973.	1.2	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.	1.0	22
53	Diffuse idiopathic skeletal hyperostosis: Etiology and clinical relevance. <i>Best Practice and Research in Clinical Rheumatology</i> , 2020, 34, 101527.	1.4	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.	1.2	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.	1.0	4
56	Low IgA Associated With Oropharyngeal Microbiota Changes and Lung Disease in Primary Antibody Deficiency. <i>Frontiers in Immunology</i> , 2020, 11, 1245.	2.2	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.	3.6	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.	1.0	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.	1.0	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.	0.6	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.	13.9	1,836
62	Progression of coronary artery calcification in conventional hemodialysis, nocturnal hemodialysis, and kidney transplantation. <i>PLoS ONE</i> , 2020, 15, e0244639.	1.1	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.	0.7	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.	0.6	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.	0.9	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.	2.3	25
76	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002471.	1.6	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.	0.8	5
78	Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. <i>Radiology</i> , 2019, 291, 420-426.	3.6	26
79	Direct Automatic Coronary Calcium Scoring in Cardiac and Chest CT. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2127-2138.	5.4	82
80	Iterative fully convolutional neural networks for automatic vertebra segmentation and identification. <i>Medical Image Analysis</i> , 2019, 53, 142-155.	7.0	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.	0.9	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.	3.3	41
83	Primary lung cancer in patients with previous malignancies: a nationwide study. <i>Thorax</i> , 2019, 74, 492-495.	2.7	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.	1.4	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.	0.7	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.	1.2	88
88	In vivo growth of 60 non-screening detected lung cancers: a computed tomography study. <i>European Respiratory Journal</i> , 2018, 51, 1702183.	3.1	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.	1.0	27
90	Bone mineral density changes over time in diffuse idiopathic skeletal hyperostosis of the thoracic spine. <i>Bone</i> , 2018, 112, 90-96.	1.4	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.	0.5	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.	5.4	176
93	Arterial stiffening and thickening in patients with pseudoxanthoma elasticum. <i>Atherosclerosis</i> , 2018, 270, 160-165.	0.4	11
94	Validation of an imaging based cardiovascular risk score in a Scottish population. <i>European Journal of Radiology</i> , 2018, 98, 143-149.	1.2	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.	2.3	17
96	Incidental perifissural nodules on routine chest computed tomography: lung cancer or not?. <i>European Radiology</i> , 2018, 28, 1095-1101.	2.3	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.	1.7	7
98	Emphysema quantification using chest CT: influence of radiation dose reduction and reconstruction technique. <i>European Radiology Experimental</i> , 2018, 2, 30.	1.7	29
99	Coronary Artery Calcification in Hemodialysis and Peritoneal Dialysis. <i>American Journal of Nephrology</i> , 2018, 48, 369-377.	1.4	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.	3.0	16
101	Histological validation of calcifications in the human hippocampus as seen on computed tomography. <i>PLoS ONE</i> , 2018, 13, e0197073.	1.1	11
102	Brock malignancy risk calculator for pulmonary nodules: validation outside a lung cancer screening population. <i>Thorax</i> , 2018, 73, 857-863.	2.7	36
103	Simultaneous occurrence of ankylosing spondylitis and diffuse idiopathic skeletal hyperostosis: a systematic review. <i>Rheumatology</i> , 2018, 57, 2120-2128.	0.9	32
104	Risk factors for atherosclerotic and medial arterial calcification of the intracranial internal carotid artery. <i>Atherosclerosis</i> , 2018, 276, 44-49.	0.4	43
105	Anterior longitudinal ligament in diffuse idiopathic skeletal hyperostosis: Ossified or displaced?. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2491-2496.	1.2	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.	2.9	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.	1.6	13
108	Hippocampal Calcifications: Risk Factors and Association with Cognitive Function. <i>Radiology</i> , 2018, 288, 815-820.	3.6	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.	0.8	6
110	Diagnosis of diffuse idiopathic skeletal hyperostosis with chest computed tomography: inter-observer agreement. <i>European Radiology</i> , 2017, 27, 188-194.	2.3	30
111	Subsolid pulmonary nodule morphology and associated patient characteristics in a routine clinical population. <i>European Radiology</i> , 2017, 27, 689-696.	2.3	16
112	Precision medicine in <sc>COPD</sc>: Are we making it too difficult?. <i>Respirology</i> , 2017, 22, 211-212.	1.3	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.	1.3	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.	0.3	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.	2.3	21
116	Air trapping on computed tomography: regional <i>versus</i> diffuse. <i>European Respiratory Journal</i> , 2017, 49, 1601791.	3.1	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.	1.5	16
118	ConvNet-Based Localization of Anatomical Structures in 3-D Medical Images. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1470-1481.	5.4	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.	0.4	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.	2.7	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.	2.3	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.	3.1	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.	0.8	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.	0.8	18
125	Aortic Valve and Thoracic Aortic Calcification Measurements. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 148-155.	0.5	3
126	CT-Based Local Distribution Metric Improves Characterization of COPD. <i>Scientific Reports</i> , 2017, 7, 2999.	1.6	26

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127	Classification criteria for diffuse idiopathic skeletal hyperostosis: a lack of consensus. <i>Rheumatology</i> , 2017, 56, 1123-1134.	0.9	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.	2.7	54
130	Quantification of growth patterns of screen-detected lung cancers: The NELSON study. <i>Lung Cancer</i> , 2017, 108, 48-54.	0.9	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.	0.4	33
132	Complications After Stent Placement for Aortic Coarctation. <i>Journal of Thoracic Imaging</i> , 2017, 32, W69-W80.	0.8	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.	0.5	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.	0.5	37
135	Frequency and characteristics of pulmonary nodules in children at computed tomography. <i>Pediatric Radiology</i> , 2017, 47, 1751-1758.	1.1	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.	1.1	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.	3.3	99
138	Dual energy CT to reveal pseudo leakage of frozen elephant trunk. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 240-241.	0.7	1
139	Morphological characteristics of diffuse idiopathic skeletal hyperostosis in the cervical spine. <i>PLoS ONE</i> , 2017, 12, e0188414.	1.1	25
140	Normalized emphysema scores on low dose CT: Validation as an imaging biomarker for mortality. <i>PLoS ONE</i> , 2017, 12, e0188902.	1.1	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.	0.5	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.	1.1	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.	1.1	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.	0.9	15

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145	Bisphosphonates for cardiovascular risk reduction: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2016, 252, 106-115.	0.4	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.	2.3	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.	1.2	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.	1.2	26
149	Accuracy of CT Pulmonary Artery Diameter for Pulmonary Hypertension in End-Stage COPD. <i>Lung</i> , 2016, 194, 813-819.	1.4	23
150	Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 511-520.	5.1	54
151	Diffuse Idiopathic Skeletal Hyperostosis Is Associated with Lower Lung Volumes in Current and Former Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 241-242.	2.5	11
152	Deep convolutional neural networks for automatic coronary calcium scoring in a screening study with low-dose chest CT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	22
153	Beeldvorming van de thorax bij rokers in de eerste lijn?. <i>Bijblijven (Amsterdam, Netherlands)</i> , 2016, 32, 252-259.	0.0	0
154	Occurrence and lung cancer probability of new solid nodules at incidence screening with low-dose CT: analysis of data from the randomised, controlled NELSON trial. <i>Lancet Oncology</i> , The, 2016, 17, 907-916.	5.1	183
155	Letter to the Editor: The Parkland Carotid and Vertebral Artery Injury Survey. <i>Journal of Neurosurgery</i> , 2016, 124, 1878-1879.	0.9	1
156	Landmark papers in respiratory medicine: Automatic quantification of emphysema and airways disease on computed tomography. <i>Breathe</i> , 2016, 12, 79-81.	0.6	8
157	Genome-wide association study of coronary and aortic calcification in lung cancer screening CT. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
158	Pulmonary Nodule Volumetry at Different Low Computed Tomography Radiation Dose Levels With Hybrid and Model-Based Iterative Reconstruction. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 578-583.	0.5	10
159	Inter-observer and inter-examination variability of manual vertebral bone attenuation measurements on computed tomography. <i>European Radiology</i> , 2016, 26, 3046-3053.	2.3	43
160	Association of High Ankle Brachial Index With Incident Cardiovascular Disease and Mortality in a High-Risk Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 412-417.	1.1	45
161	Ultra low-dose chest ct with iterative reconstructions as an alternative to conventional chest x-ray prior to heart surgery (CRICKET study): Rationale and design of a multicenter randomized trial. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 242-245.	0.7	14
162	Effect of computed tomography before cardiac surgery on surgical strategy, mortality and stroke. <i>European Journal of Radiology</i> , 2016, 85, 744-750.	1.2	20

#	ARTICLE	IF	CITATIONS
163	Dose reduction with iterative reconstruction for coronary CT angiography: a systematic review and meta-analysis. <i>British Journal of Radiology</i> , 2016, 89, 20150068.	1.0	43
164	Effect of radiation dose reduction and iterative reconstruction on computer-aided detection of pulmonary nodules: Intra-individual comparison. <i>European Journal of Radiology</i> , 2016, 85, 346-351.	1.2	21
165	Finding the optimal dose reduction and iterative reconstruction level for coronary calcium scoring. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 69-75.	0.7	39
166	Automatic Coronary Artery Calcium Scoring on Radiotherapy Planning CT Scans of Breast Cancer Patients: Reproducibility and Association with Traditional Cardiovascular Risk Factors. <i>PLoS ONE</i> , 2016, 11, e0167925.	1.1	35
167	Personalized lung cancer screening: the value of spirometry and emphysema as risk modifiers. <i>Annals of Translational Medicine</i> , 2016, 4, 293-293.	0.7	1
168	Pulmonary nodule follow-up: be careful with volumetry between contrast enhanced and unenhanced CT. <i>Annals of Translational Medicine</i> , 2016, 4, 346-346.	0.7	4
169	Pulmonary alveolar proteinosis in a cat. <i>BMC Veterinary Research</i> , 2015, 11, 302.	0.7	7
170	<i>SFTPA2</i> Mutations in Familial and Sporadic Idiopathic Interstitial Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1249-1252.	2.5	72
171	Prognostic value of heart valve calcifications for cardiovascular events in a lung cancer screening population. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1243-1249.	0.7	15
172	Hybrid and Model-Based Iterative Reconstruction Techniques for Pediatric CT. <i>American Journal of Roentgenology</i> , 2015, 204, 645-653.	1.0	31
173	Observer Variability for Classification of Pulmonary Nodules on Low-Dose CT Images and Its Effect on Nodule Management. <i>Radiology</i> , 2015, 277, 863-871.	3.6	145
174	Parametric Response Mapping Adds Value to Current Computed Tomography Biomarkers in Diagnosing Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1084-1086.	2.5	28
175	Automatic machine learning based prediction of cardiovascular events in lung cancer screening data. <i>Proceedings of SPIE</i> , 2015, , .	0.8	3
176	Serum Lipid Levels, Body Mass Index, and Their Role in Coronary Artery Calcification. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 327-333.	5.1	17
177	Breast arterial calcifications: A systematic review and meta-analysis of their determinants and their association with cardiovascular events. <i>Atherosclerosis</i> , 2015, 239, 11-20.	0.4	102
178	Airway wall thickness associated with forced expiratory volume in 1 second decline and development of airflow limitation. <i>European Respiratory Journal</i> , 2015, 45, 644-651.	3.1	50
179	Quantification of coronary artery calcium in nongated CT to predict cardiovascular events in male lung cancer screening participants: Results of the NELSON study. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 50-57.	0.7	52
180	Diagnostic Accuracy of Stress Myocardial Perfusion Imaging Compared to Invasive Coronary Angiography With Fractional Flow Reserve Meta-Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8,	1.3	314

#	ARTICLE	IF	CITATIONS
181	Osteoporosis markers on low-dose lung cancer screening chest computed tomography scans predict all-cause mortality. <i>European Radiology</i> , 2015, 25, 132-139.	2.3	49
182	Interscan variation of semi-automated volumetry of subsolid pulmonary nodules. <i>European Radiology</i> , 2015, 25, 1040-1047.	2.3	24
183	Pulmonary function and CT biomarkers as risk factors for cardiovascular events in male lung cancer screening participants: the NELSON study. <i>European Radiology</i> , 2015, 25, 65-71.	2.3	9
184	Computed tomographic characteristics of interval and post screen carcinomas in lung cancer screening. <i>European Radiology</i> , 2015, 25, 81-88.	2.3	80
185	Detection and quantification of the solid component in pulmonary subsolid nodules by semiautomatic segmentation. <i>European Radiology</i> , 2015, 25, 488-496.	2.3	58
186	Intravenous contrast injection significantly affects bone mineral density measured on CT. <i>European Radiology</i> , 2015, 25, 283-289.	2.3	66
187	Impact of Personal Characteristics and Technical Factors on Quantification of Sodium ¹⁸ F-Fluoride Uptake in Human Arteries: Prospective Evaluation of Healthy Subjects. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1534-1540.	2.8	46
188	Incidental findings on chest CT imaging are associated with increased COPD exacerbations and mortality. <i>Thorax</i> , 2015, 70, 725-731.	2.7	55
189	Achievable dose reduction using iterative reconstruction for chest computed tomography: A systematic review. <i>European Journal of Radiology</i> , 2015, 84, 2307-2313.	1.2	56
190	Breast Arterial Calcifications and Their Association With Incident Cardiovascular Disease and Diabetes. <i>Journal of the American College of Cardiology</i> , 2015, 65, 859-860.	1.2	32
191	The impact of radiologists'™ expertise on screen results decisions in a CT lung cancer screening trial. <i>European Radiology</i> , 2015, 25, 792-799.	2.3	14
192	Cardiovascular disease prediction: do pulmonary disease-related chest CT features have added value?. <i>European Radiology</i> , 2015, 25, 1646-1654.	2.3	1
193	Opportunistic screening for osteoporosis on routine computed tomography? An external validation study. <i>European Radiology</i> , 2015, 25, 2074-2079.	2.3	100
194	Chest Computed Tomography-Based Scoring of Thoracic Sarcoidosis: Inter-rater Reliability of CT Abnormalities. <i>European Radiology</i> , 2015, 25, 2558-2566.	2.3	8
195	Vertebral fractures on routine chest computed tomography: relation with arterial calcifications and future cardiovascular events. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 437-445.	0.7	5
196	Solid, Part-Solid, or Non-Solid?. <i>Investigative Radiology</i> , 2015, 50, 168-173.	3.5	42
197	High Diagnostic Yield of Dedicated Pulmonary Screening before Hematopoietic Cell Transplantation in Children. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1622-1626.	2.0	9
198	Automatic classification of pulmonary peri-fissural nodules in computed tomography using an ensemble of 2D views and a convolutional neural network out-of-the-box. <i>Medical Image Analysis</i> , 2015, 26, 195-202.	7.0	236

#	ARTICLE	IF	CITATIONS
199	Medial Arterial Calcification: Active Reversible Disease in Human Breast Arteries. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 984-985.	2.3	11
200	Coronary calcium scores are systematically underestimated at a large chest size: A multivendor phantom study. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 415-421.	0.7	16
201	Bag-of-Frequencies: A Descriptor of Pulmonary Nodules in Computed Tomography Images. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 962-973.	5.4	45
202	The interdependence between cardiovascular calcifications in different arterial beds and vascular risk factors in patients at high cardiovascular risk. <i>Atherosclerosis</i> , 2015, 238, 140-146.	0.4	16
203	Towards a close computed tomography monitoring approach for screen detected subsolid pulmonary nodules?. <i>European Respiratory Journal</i> , 2015, 45, 765-773.	3.1	98
204	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. <i>Lancet, The</i> , 2015, 385, 351-361.	6.3	562
205	Emphysema Is Common in Lungs of Cystic Fibrosis Lung Transplantation Patients: A Histopathological and Computed Tomography Study. <i>PLoS ONE</i> , 2015, 10, e0128062.	1.1	20
206	No Value for Routine Chest Radiography in the Work-Up of Early Stage Cervical Cancer Patients. <i>PLoS ONE</i> , 2015, 10, e0131899.	1.1	4
207	Pretransplant HRCT Characteristics Are Associated with Worse Outcome of Lung Transplantation for Cystic Fibrosis Patients. <i>PLoS ONE</i> , 2015, 10, e0145597.	1.1	7
208	Optimizing lung cancer screening: nodule size, volume doubling time, morphology and evaluation of other diseases. <i>Annals of Translational Medicine</i> , 2015, 3, 19.	0.7	6
209	Automated Coronary Artery Calcification Scoring in Non-Gated Chest CT: Agreement and Reliability. <i>PLoS ONE</i> , 2014, 9, e91239.	1.1	90
210	Interactive lung segmentation in abnormal human and animal chest CT scans. <i>Medical Physics</i> , 2014, 41, 081915.	1.6	7
211	Lung cancer probability in patients with CT-detected pulmonary nodules: a prespecified analysis of data from the NELSON trial of low-dose CT screening. <i>Lancet Oncology, The</i> , 2014, 15, 1332-1341.	5.1	424
212	Coronary Artery Calcification Scoring with State-of-the-Art CT Scanners from Different Vendors Has Substantial Effect on Risk Classification. <i>Radiology</i> , 2014, 273, 695-702.	3.6	75
213	Cavity contour segmentation in chest radiographs using supervised learning and dynamic programming. <i>Medical Physics</i> , 2014, 41, 071912.	1.6	5
214	Association of Chronic Obstructive Pulmonary Disease and Smoking Status With Bone Density and Vertebral Fractures in Male Lung Cancer Screening Participants. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2224-2229.	3.1	36
215	High-Resolution CT Can Differentiate Between Alloimmune and Nonalloimmune Lung Disease Early After Hematopoietic Cell Transplantation. <i>American Journal of Roentgenology</i> , 2014, 203, 656-661.	1.0	1
216	Natural history and CT scan follow-up of subependymal giant cell tumors in tuberous sclerosis complex patients. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 939-941.	0.8	8

#	ARTICLE	IF	CITATIONS
217	Automatic detection of subsolid pulmonary nodules in thoracic computed tomography images. <i>Medical Image Analysis</i> , 2014, 18, 374-384.	7.0	214
218	Discriminating dominant computed tomography phenotypes in smokers without or with mild COPD. <i>Respiratory Medicine</i> , 2014, 108, 136-143.	1.3	26
219	Prevalent Vertebral Fractures on Chest CT: Higher Risk for Future Hip Fracture. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 392-398.	3.1	25
220	Phylloquinone Concentrations and the Risk of Vascular Calcification in Healthy Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1587-1590.	1.1	16
221	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study. <i>Medical Image Analysis</i> , 2014, 18, 1217-1232.	7.0	131
222	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
223	Detection of lung cancer through low-dose CT screening (NELSON): a prespecified analysis of screening test performance and interval cancers. <i>Lancet Oncology</i> , The, 2014, 15, 1342-1350.	5.1	294
224	Cardiac valve calcifications on low-dose unenhanced ungated chest computed tomography: inter-observer and inter-examination reliability, agreement and variability. <i>European Radiology</i> , 2014, 24, 1557-1564.	2.3	18
225	The impact of CT radiation dose reduction and iterative reconstruction algorithms from four different vendors on coronary calcium scoring. <i>European Radiology</i> , 2014, 24, 2201-2212.	2.3	35
226	The effect of iterative reconstruction on quantitative computed tomography assessment of coronary plaque composition. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 155-163.	0.7	30
227	The impact of a new model-based iterative reconstruction algorithm on prosthetic heart valve related artifacts at reduced radiation dose MDCT. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 785-793.	0.7	25
228	Dose reduction for coronary calcium scoring with hybrid and model-based iterative reconstruction: an ex vivo study. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1125-1133.	0.7	20
229	CT Screening for Pulmonary Pathology in Common Variable Immunodeficiency Disorders and the Correlation with Clinical and Immunological Parameters. <i>Journal of Clinical Immunology</i> , 2014, 34, 642-654.	2.0	63
230	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ</i> , The, 2014, 349, g4164-g4164.	3.0	528
231	Contribution of CT Quantified Emphysema, Air Trapping and Airway Wall Thickness on Pulmonary Function in Male Smokers With and Without COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 503-509.	0.7	39
232	Functional and computed tomographic evolution and survival of restrictive allograft syndrome after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 270-277.	0.3	58
233	Small Irregular Pulmonary Nodules in Low-Dose CT: Observer Detection Sensitivity and Volumetry Accuracy. <i>American Journal of Roentgenology</i> , 2014, 202, W202-W209.	1.0	27
234	Age and sex based reference values for incidental coronary artery and thoracic aorta calcifications on routine clinical chest CT: A powerful tool to appreciate available imaging findings. <i>Atherosclerosis</i> , 2014, 235, 546-553.	0.4	7

#	ARTICLE	IF	CITATIONS
235	Coronary Artery Assessment on Electrocardiogram-Gated Thoracoabdominal Multidetector Computed Tomographic Angiography for Aortic Evaluation. <i>Journal of Computer Assisted Tomography</i> , 2014, 38, 185-189.	0.5	4
236	Computed Tomography Radiation Dose Reduction. <i>Journal of Computer Assisted Tomography</i> , 2014, 38, 815-823.	0.5	34
237	Computed Tomography of Aortic Wall Calcifications in Aortic Dissection Patients. <i>PLoS ONE</i> , 2014, 9, e102036.	1.1	22
238	Iterative reconstruction does not substantially delay CT imaging in an emergency setting. <i>Insights Into Imaging</i> , 2013, 4, 391-397.	1.6	25
239	Iterative reconstruction techniques for computed tomography part 2: initial results in dose reduction and image quality. <i>European Radiology</i> , 2013, 23, 1632-1642.	2.3	232
240	Iterative reconstruction techniques for computed tomography Part 1: Technical principles. <i>European Radiology</i> , 2013, 23, 1623-1631.	2.3	335
241	Diagnosis of chronic obstructive pulmonary disease in lung cancer screening Computed Tomography scans: independent contribution of emphysema, air trapping and bronchial wall thickening. <i>Respiratory Research</i> , 2013, 14, 59.	1.4	63
242	Rate of progression of CT-quantified emphysema in male current and ex-smokers: a follow-up study. <i>Respiratory Research</i> , 2013, 14, 55.	1.4	31
243	Optimisation of volume-doubling time cutoff for fast-growing lung nodules in CT lung cancer screening reduces false-positive referrals. <i>European Radiology</i> , 2013, 23, 1836-1845.	2.3	79
244	Iterative reconstruction improves evaluation of native aortic and mitral valves by retrospectively ECG-gated thoracoabdominal CTA. <i>European Radiology</i> , 2013, 23, 968-974.	2.3	12
245	Genome-wide association study of coronary and aortic calcification implicates risk loci for coronary artery disease and myocardial infarction. <i>Atherosclerosis</i> , 2013, 228, 400-405.	0.4	100
246	Diagnostic properties of C-reactive protein for detecting pneumonia in children. <i>Respiratory Medicine</i> , 2013, 107, 1087-1093.	1.3	23
247	Lung Cancer Screening CT-Based Prediction of Cardiovascular Events. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 899-907.	2.3	89
248	High FDG Uptake in the Right Ventricular Myocardium of a Pulmonary Hypertension Patient. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1724.	1.2	10
249	Sensitivity and accuracy of volumetry of pulmonary nodules on low-dose 16- and 64-row multi-detector CT: an anthropomorphic phantom study. <i>European Radiology</i> , 2013, 23, 139-147.	2.3	55
250	Circulating species of matrix Gla protein and the risk of vascular calcification in healthy women. <i>International Journal of Cardiology</i> , 2013, 168, e168-e170.	0.8	24
251	Famine in childhood and postmenopausal coronary artery calcification: a cohort study. <i>BMJ Open</i> , 2013, 3, e003818.	0.8	5
252	Computer-Aided Segmentation and Volumetry of Artificial Ground-Glass Nodules at Chest CT. <i>American Journal of Roentgenology</i> , 2013, 201, 295-300.	1.0	29

#	ARTICLE	IF	CITATIONS
253	Pediatric Chest Computed Tomography at a Radiation Dose Approaching a Chest Radiograph. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 626-627.	2.5	10
254	Diagnosing pneumonia in patients with acute cough: clinical judgment compared to chest radiography. <i>European Respiratory Journal</i> , 2013, 42, 1076-1082.	3.1	80
255	Inter- and intrascanner variability of pulmonary nodule volumetry on low-dose 64-row CT: an anthropomorphic phantom study. <i>British Journal of Radiology</i> , 2013, 86, 20130160.	1.0	15
256	Evaluating Other Diseases With Computed Tomographic Screening for Lung Cancer—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 655.	3.8	0
257	Use of serum C reactive protein and procalcitonin concentrations in addition to symptoms and signs to predict pneumonia in patients presenting to primary care with acute cough: diagnostic study. <i>BMJ</i> , The, 2013, 346, f2450-f2450.	3.0	173
258	Pirfenidone: A Potential New Therapy for Restrictive Allograft Syndrome?. <i>American Journal of Transplantation</i> , 2013, 13, 3035-3040.	2.6	47
259	Can nontriggered thoracic CT be used for coronary artery calcium scoring? A phantom study. <i>Medical Physics</i> , 2013, 40, 081915.	1.6	18
260	Validation and Prognosis of Coronary Artery Calcium Scoring in Nontriggered Thoracic Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 514-521.	1.3	145
261	Non-solid lung nodules on low-dose computed tomography: comparison of detection rate between 3 visualization techniques. <i>Cancer Imaging</i> , 2013, 13, 150-154.	1.2	4
262	Variants in the 15q24/25 Locus Associate with Lung Function Decline in Active Smokers. <i>PLoS ONE</i> , 2013, 8, e53219.	1.1	5
263	The Effects of Computed Tomography with Iterative Reconstruction on Solid Pulmonary Nodule Volume Quantification. <i>PLoS ONE</i> , 2013, 8, e58053.	1.1	29
264	CT Air Trapping Is Independently Associated with Lung Function Reduction over Time. <i>PLoS ONE</i> , 2013, 8, e61783.	1.1	11
265	Computed Tomography Structural Lung Changes in Discordant Airflow Limitation. <i>PLoS ONE</i> , 2013, 8, e65177.	1.1	14
266	Impact of Cardiovascular Calcifications on the Detrimental Effect of Continued Smoking on Cardiovascular Risk in Male Lung Cancer Screening Participants. <i>PLoS ONE</i> , 2013, 8, e66484.	1.1	8
267	Semi-Automatic Quantification of Subsolid Pulmonary Nodules: Comparison with Manual Measurements. <i>PLoS ONE</i> , 2013, 8, e80249.	1.1	25
268	Intra and Interobserver Reliability and Agreement of Semiquantitative Vertebral Fracture Assessment on Chest Computed Tomography. <i>PLoS ONE</i> , 2013, 8, e71204.	1.1	24
269	Famine in the Young and Risk of Later Hospitalization for COPD and Asthma. <i>PLoS ONE</i> , 2013, 8, e82636.	1.1	16
270	Computed tomography-quantified emphysema distribution is associated with lung function decline. <i>European Respiratory Journal</i> , 2012, 40, 844-850.	3.1	70

#	ARTICLE	IF	CITATIONS
271	Systematic Error in Lung Nodule Volumetry: Effect of Iterative Reconstruction Versus Filtered Back Projection at Different CT Parameters. American Journal of Roentgenology, 2012, 199, 1241-1246.	1.0	44
272	Can Low-Dose Unenhanced Chest CT Be Used for Follow-Up of Lung Nodules?. American Journal of Roentgenology, 2012, 199, 777-780.	1.0	13
273	Normal Range of Emphysema and Air Trapping on CT in Young Men. American Journal of Roentgenology, 2012, 199, 336-340.	1.0	51
274	A ruptured intracranial aneurysm with underlying cervicocranial fibromuscular dysplasia. Vascular Medicine, 2012, 17, 66-67.	0.8	0
275	Chronic Obstructive Pulmonary Disease Detection During Lung Cancer Screening—Reply. JAMA - Journal of the American Medical Association, 2012, 307, 664.	3.8	0
276	Radiation Dose for Pediatric Patients With Cystic Fibrosis. Chest, 2012, 142, 1077.	0.4	4
277	Toward automatic regional analysis of pulmonary function using inspiration and expiration thoracic CT. Medical Physics, 2012, 39, 1650-1662.	1.6	43
278	Lung Function Decline in Male Heavy Smokers Relates to Baseline Airflow Obstruction Severity. Chest, 2012, 142, 1530-1538.	0.4	25
279	The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis. Lancet, The, 2012, 379, 1214-1224.	6.3	886
280	Performance of computer-aided detection of pulmonary nodules in low-dose CT: comparison with double reading by nodule volume. European Radiology, 2012, 22, 2076-2084.	2.3	110
281	Morphological measurements in computed tomography correlate with airflow obstruction in chronic obstructive pulmonary disease: systematic review and meta-analysis. European Radiology, 2012, 22, 2085-2093.	2.3	58
282	The effect of iterative reconstruction on computed tomography assessment of emphysema, air trapping and airway dimensions. European Radiology, 2012, 22, 2103-2109.	2.3	55
283	Variation in quantitative CT air trapping in heavy smokers on repeat CT examinations. European Radiology, 2012, 22, 2710-2717.	2.3	13
284	High-resolution CT of nontuberculous mycobacterium infection in adult CF patients: diagnostic accuracy. European Radiology, 2012, 22, 2736-2742.	2.3	10
285	Early Identification of Small Airways Disease on Lung Cancer Screening CT: Comparison of Current Air Trapping Measures. Lung, 2012, 190, 629-633.	1.4	56
286	Computed Tomographic Screening for Lung Cancer. JAMA - Journal of the American Medical Association, 2012, 308, 1433.	3.8	68
287	Clavicle segmentation in chest radiographs. Medical Image Analysis, 2012, 16, 1490-1502.	7.0	40
288	Extraction of Airways From CT (EXACT'09). IEEE Transactions on Medical Imaging, 2012, 31, 2093-2107.	5.4	173

#	ARTICLE	IF	CITATIONS
289	The relationship between lung function impairment and quantitative computed tomography in chronic obstructive pulmonary disease. <i>European Radiology</i> , 2012, 22, 120-128.	2.3	56
290	Normal mediastinal and hilar lymph nodes in children on multi-detector row chest computed tomography. <i>European Radiology</i> , 2012, 22, 318-321.	2.3	17
291	Quantitative Computed Tomography in COPD: Possibilities and Limitations. <i>Lung</i> , 2012, 190, 133-145.	1.4	107
292	Visual versus Automated Evaluation of Chest Computed Tomography for the Presence of Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2012, 7, e42227.	1.1	21
293	Does high-resolution CT has diagnostic value in patients presenting with respiratory symptoms after hematopoietic stem cell transplantation?. <i>European Journal of Radiology</i> , 2011, 80, e536-e543.	1.2	6
294	SFTPCMutations in Patients with Familial Pulmonary Fibrosis: Combined with Emphysema?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1113-1114.	2.5	9
295	High-resolution computed tomography in pediatric common variable immunodeficiency: risks and benefits. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 451-452.	1.1	0
296	Airway and interstitial lung disease are distinct entities in paediatric common variable immunodeficiency. <i>Clinical and Experimental Immunology</i> , 2011, 165, 235-242.	1.1	29
297	Comparison of the occurrence of mold infection among patients receiving chemotherapy for acute leukemia versus patients undergoing stem cell transplantation. <i>European Journal of Haematology</i> , 2011, 87, 419-425.	1.1	2
298	Modified Chrispin-Norman chest radiography score for cystic fibrosis: observer agreement and correlation with lung function. <i>European Radiology</i> , 2011, 21, 722-729.	2.3	13
299	Thin-section Computed Tomography findings before and after azithromycin treatment of neutrophilic reversible lung allograft dysfunction. <i>European Radiology</i> , 2011, 21, 2466-2474.	2.3	31
300	Identification of Chronic Obstructive Pulmonary Disease in Lung Cancer Screening Computed Tomographic Scans. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 1775-81.	3.8	123
301	High-resolution computed tomography and pulmonary function in children with common variable immunodeficiency. <i>European Respiratory Journal</i> , 2011, 38, 1437-1443.	3.1	16
302	Computer-Aided Detection of Ground Glass Nodules in Thoracic CT Images Using Shape, Intensity and Context Features. <i>Lecture Notes in Computer Science</i> , 2011, 14, 207-214.	1.0	15
303	Prediction of Cardiovascular Events by Using Non-Vascular Findings on Routine Chest CT. <i>PLoS ONE</i> , 2011, 6, e26036.	1.1	5
304	Detection of pulmonary complications in common variable immunodeficiency. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 793-805.	1.1	70
305	Automated estimation of progression of interstitial lung disease in CT images. <i>Medical Physics</i> , 2010, 37, 63-73.	1.6	18
306	Interactive annotation of textures in thoracic CT scans. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5

#	ARTICLE	IF	CITATIONS
307	Transinguinal sonographic determination of the position of the femoral head after reposition and follow-up in a spica cast. <i>Pediatric Radiology</i> , 2010, 40, 1794-1799.	1.1	16
308	Structural lung changes, lung function, and noninvasive inflammatory markers in cystic fibrosis. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 493-500.	1.1	21
309	Intraocular sarcoidosis: association of clinical characteristics of uveitis with positive chest high-resolution computed tomography findings. <i>British Journal of Ophthalmology</i> , 2010, 94, 219-222.	2.1	31
310	Rib suppression in chest radiographs to improve classification of textural abnormalities. , 2010, , .		9
311	A CT Scan Score for the Assessment of Lung Disease in Children With Common Variable Immunodeficiency Disorders. <i>Chest</i> , 2010, 138, 371-379.	0.4	48
312	Surfactant Protein C Mutations Are the Basis of a Significant Portion of Adult Familial Pulmonary Fibrosis in a Dutch Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 1419-1425.	2.5	252
313	Screening for Lung Cancer with Digital Chest Radiography: Sensitivity and Number of Secondary Work-up CT Examinations. <i>Radiology</i> , 2010, 255, 629-637.	3.6	41
314	Fusion of Local and Global Detection Systems to Detect Tuberculosis in Chest Radiographs. <i>Lecture Notes in Computer Science</i> , 2010, 13, 650-657.	1.0	46
315	The spectrum of structural abnormalities on CT scans from patients with CF with severe advanced lung disease. <i>Thorax</i> , 2009, 64, 876-882.	2.7	76
316	CT and ¹⁸ F-FDG PET for Noninvasive Detection of Splenic Involvement in Patients with Malignant Lymphoma. <i>American Journal of Roentgenology</i> , 2009, 192, 745-753.	1.0	79
317	Tracheomalacia in Adults with Cystic Fibrosis: Determination of Prevalence and Severity with Dynamic Cine CT. <i>Radiology</i> , 2009, 252, 577-586.	3.6	36
318	Global and Local Multi-valued Dissimilarity-Based Classification: Application to Computer-Aided Detection of Tuberculosis. <i>Lecture Notes in Computer Science</i> , 2009, 12, 724-731.	1.0	14
319	Structural and Functional Lung Disease in Primary Ciliary Dyskinesia. <i>Chest</i> , 2008, 134, 351-357.	0.4	98
320	Estimation of the Radiation Dose From CT in Cystic Fibrosis. <i>Chest</i> , 2008, 133, 1289-1290.	0.4	15
321	Conventional High-resolution CT Versus Contiguous Multidetector CT in the Detection of Bronchiolitis Obliterans Syndrome in Lung Transplant Recipients. <i>Journal of Thoracic Imaging</i> , 2008, 23, 235-243.	0.8	21
322	Imaging and Clinical Trials in Cystic Fibrosis. <i>Proceedings of the American Thoracic Society</i> , 2007, 4, 343-346.	3.5	36
323	Cystic Fibrosis Specific Computed Tomography Scoring. <i>Proceedings of the American Thoracic Society</i> , 2007, 4, 338-342.	3.5	52
324	Multiple-breath inert gas washout and spirometry versus structural lung disease in cystic fibrosis. <i>Thorax</i> , 2007, 63, 129-134.	2.7	320

#	ARTICLE	IF	CITATIONS
325	Computer-aided detection of interstitial abnormalities in chest radiographs using a reference standard based on computed tomography. <i>Medical Physics</i> , 2007, 34, 4798-4809.	1.6	29
326	Update on the application of chest computed tomography scanning to cystic fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2006, 12, 433-439.	1.2	24
327	Dose reduction for CT in children with cystic fibrosis: is it feasible to reduce the number of images per scan?. <i>Pediatric Radiology</i> , 2006, 36, 50-53.	1.1	59
328	Computed tomography dose and variability of airway dimension measurements: how low can we go?. <i>Pediatric Radiology</i> , 2006, 36, 1043-1047.	1.1	19
329	Estimation of Cancer Mortality Associated with Repetitive Computed Tomography Scanning. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 199-203.	2.5	151
330	Computed tomographic estimation of lung dimensions throughout the growth period. <i>European Respiratory Journal</i> , 2006, 27, 261-267.	3.1	45
331	Bronchiolitis obliterans following lung transplantation: early detection using computed tomographic scanning. <i>Thorax</i> , 2006, 61, 799-804.	2.7	65
332	Changes in Airway Dimensions on Computed Tomography Scans of Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 218-224.	2.5	72
333	Progression of lung disease on computed tomography and pulmonary function tests in children and adults with cystic fibrosis. <i>Thorax</i> , 2005, 61, 80-85.	2.7	188
334	Computed Tomography in the Evaluation of Cystic Fibrosis Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1246-1252.	2.5	108
335	The Prediction of Small Airway Dimensions Using Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 142-146.	2.5	368
336	Computed tomographic imaging of the airways: relationship to structure and function. <i>European Respiratory Journal</i> , 2005, 26, 140-152.	3.1	158
337	Pulmonary Disease Assessment in Cystic Fibrosis: Comparison of CT Scoring Systems and Value of Bronchial and Arterial Dimension Measurements. <i>Radiology</i> , 2004, 231, 434-439.	3.6	170
338	Progressive damage on high resolution computed tomography despite stable lung function in cystic fibrosis. <i>European Respiratory Journal</i> , 2004, 23, 93-97.	3.1	287
339	Estimation of lung growth using computed tomography. <i>European Respiratory Journal</i> , 2003, 22, 235-238.	3.1	44