Pim A De Jong

List of Publications by Year
in descending order

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	Reduced Lung-Cancer Mortality with Volume CT Screening in a Randomized Trial. New England Journal of Medicine, 2020, 382, 503-513.	27.0	1,836
2	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
3	The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis. Lancet, The, 2012, 379, 1214-1224.	13.7	886
4	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. Lancet, The, 2015, 385, 351-361.	13.7	562
5	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. BMJ, The, 2014, 349, g4164-g4164.	6.0	528
6	Lung cancer probability in patients with CT-detected pulmonary nodules: a prespecified analysis of data from the NELSON trial of low-dose CT screening. Lancet Oncology, The, 2014, 15, 1332-1341.	10.7	424
7	The Prediction of Small Airway Dimensions Using Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 142-146.	5.6	368
8	Iterative reconstruction techniques for computed tomography Part 1: Technical principles. European Radiology, 2013, 23, 1623-1631.	4.5	335
9	Multiple-breath inert gas washout and spirometry versus structural lung disease in cystic fibrosis. Thorax, 2007, 63, 129-134.	5.6	320
10	Diagnostic Accuracy of Stress Myocardial Perfusion Imaging Compared to Invasive Coronary Angiography With Fractional Flow Reserve Meta-Analysis. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	314
11	Detection of lung cancer through low-dose CT screening (NELSON): a prespecified analysis of screening test performance and interval cancers. Lancet Oncology, The, 2014, 15, 1342-1350.	10.7	294
12	Progressive damage on high resolution computed tomography despite stable lung function in cystic fibrosis. European Respiratory Journal, 2004, 23, 93-97.	6.7	287
13	Surfactant Protein C Mutations Are the Basis of a Significant Portion of Adult Familial Pulmonary Fibrosis in a Dutch Cohort. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1419-1425.	5.6	252
14	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. Medical Image Analysis, 2015, 26, 195-202.	11.6	236
15	Iterative reconstruction techniques for computed tomography part 2: initial results in dose reduction and image quality. European Radiology, 2013, 23, 1632-1642.	4.5	232
16	Automatic detection of subsolid pulmonary nodules in thoracic computed tomography images. Medical Image Analysis, 2014, 18, 374-384.	11.6	214
17	Final screening round of the NELSON lung cancer screening trial: the effect of a 2.5-year screening interval. Thorax, 2017, 72, 48-56.	5.6	212
18	Progression of lung disease on computed tomography and pulmonary function tests in children and adults with cystic fibrosis. Thorax, 2005, 61, 80-85.	5.6	188

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19	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. Lancet Oncology, The, 2016, 17, 907-916.	10.7	183
20	Automatic Calcium Scoring in Low-Dose Chest CT Using Deep Neural Networks With Dilated Convolutions. IEEE Transactions on Medical Imaging, 2018, 37, 615-625.	8.9	176
21	Extraction of Airways From CT (EXACT'09). IEEE Transactions on Medical Imaging, 2012, 31, 2093-2107.	8.9	173
22	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. BMJ, The, 2013, 346, f2450-f2450.	6.0	173
23	Pulmonary Disease Assessment in Cystic Fibrosis: Comparison of CT Scoring Systems and Value of Bronchial and Arterial Dimension Measurements. Radiology, 2004, 231, 434-439.	7.3	170
24	Iterative fully convolutional neural networks for automatic vertebra segmentation and identification. Medical Image Analysis, 2019, 53, 142-155.	11.6	170
25	Computed tomographic imaging of the airways: relationship to structure and function. European Respiratory Journal, 2005, 26, 140-152.	6.7	158
26	Estimation of Cancer Mortality Associated with Repetitive Computed Tomography Scanning. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 199-203.	5.6	151
27	Validation and Prognosis of Coronary Artery Calcium Scoring in Nontriggered Thoracic Computed Tomography. Circulation: Cardiovascular Imaging, 2013, 6, 514-521.	2.6	145
28	Observer Variability for Classification of Pulmonary Nodules on Low-Dose CT Images and Its Effect on Nodule Management. Radiology, 2015, 277, 863-871.	7.3	145
29	Deep Learning for Automatic Calcium Scoring in CT: Validation Using Multiple Cardiac CT and Chest CT Protocols. Radiology, 2020, 295, 66-79.	7.3	140
30	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study. Medical Image Analysis, 2014, 18, 1217-1232.	11.6	131
31	Identification of Chronic Obstructive Pulmonary Disease in Lung Cancer Screening Computed Tomographic Scans. JAMA - Journal of the American Medical Association, 2011, 306, 1775-81.	7.4	123
32	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.	4.5	110
33	Computed Tomography in the Evaluation of Cystic Fibrosis Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1246-1252.	5.6	108
34	Bisphosphonates for cardiovascular risk reduction: A systematic review and meta-analysis. Atherosclerosis, 2016, 252, 106-115.	0.8	108
35	Quantitative Computed Tomography in COPD: Possibilities and Limitations. Lung, 2012, 190, 133-145.	3.3	107
36	Breast arterial calcifications: A systematic review and meta-analysis of their determinants and their association with cardiovascular events. Atherosclerosis, 2015, 239, 11-20.	0.8	102

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37	Genome-wide association study of coronary and aortic calcification implicates risk loci for coronary artery disease and myocardial infarction. Atherosclerosis, 2013, 228, 400-405.	0.8	100
38	Opportunistic screening for osteoporosis on routine computed tomography? An external validation study. European Radiology, 2015, 25, 2074-2079.	4.5	100
39	Thoracic aorta calcification but not inflammation is associated with increased cardiovascular disease risk: results of the CAMONA study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 249-258.	6.4	99
40	Structural and Functional Lung Disease in Primary Ciliary Dyskinesia. Chest, 2008, 134, 351-357.	0.8	98
41	Towards a close computed tomography monitoring approach for screen detected subsolid pulmonary nodules?. European Respiratory Journal, 2015, 45, 765-773.	6.7	98
42	ConvNet-Based Localization of Anatomical Structures in 3-D Medical Images. IEEE Transactions on Medical Imaging, 2017, 36, 1470-1481.	8.9	94
43	Automated Coronary Artery Calcification Scoring in Non-Gated Chest CT: Agreement and Reliability. PLoS ONE, 2014, 9, e91239.	2.5	90
44	Lung Cancer Screening CT-Based Prediction of CardiovascularÂEvents. JACC: Cardiovascular Imaging, 2013, 6, 899-907.	5.3	89
45	Etidronate for Prevention of EctopicÂMineralization in Patients With PseudoxanthomaÂElasticum. Journal of the American College of Cardiology, 2018, 71, 1117-1126.	2.8	88
46	Direct Automatic Coronary Calcium Scoring in Cardiac and Chest CT. IEEE Transactions on Medical Imaging, 2019, 38, 2127-2138.	8.9	82
47	Diagnosing pneumonia in patients with acute cough: clinical judgment compared to chest radiography. European Respiratory Journal, 2013, 42, 1076-1082.	6.7	80
48	Computed tomographic characteristics of interval and post screen carcinomas in lung cancer screening. European Radiology, 2015, 25, 81-88.	4.5	80
49	CT and ¹⁸F-FDG PET for Noninvasive Detection of Splenic Involvement in Patients with Malignant Lymphoma. American Journal of Roentgenology, 2009, 192, 745-753.	2.2	79
50	Optimisation of volume-doubling time cutoff for fast-growing lung nodules in CT lung cancer screening reduces false-positive referrals. European Radiology, 2013, 23, 1836-1845.	4.5	79
51	The spectrum of structural abnormalities on CT scans from patients with CF with severe advanced lung disease. Thorax, 2009, 64, 876-882.	5.6	76
52	Coronary Artery Calcification Scoring with State-of-the-Art CT Scanners from Different Vendors Has Substantial Effect on Risk Classification. Radiology, 2014, 273, 695-702.	7.3	75
53	Changes in Airway Dimensions on Computed Tomography Scans of Children with Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 218-224.	5.6	72
54	SFTPA2 Mutations in Familial and Sporadic Idiopathic Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1249-1252.	5.6	72

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55	Detection of pulmonary complications in common variable immunodeficiency. Pediatric Allergy and Immunology, 2010, 21, 793-805.	2.6	70
56	Computed tomography-quantified emphysema distribution is associated with lung function decline. European Respiratory Journal, 2012, 40, 844-850.	6.7	70
57	Computed Tomographic Screening for Lung Cancer. JAMA - Journal of the American Medical Association, 2012, 308, 1433.	7.4	68
58	Intravenous contrast injection significantly affects bone mineral density measured on CT. European Radiology, 2015, 25, 283-289.	4.5	66
59	Bronchiolitis obliterans following lung transplantation: early detection using computed tomographic scanning. Thorax, 2006, 61, 799-804.	5.6	65
60	Diagnosis of chronic obstructive pulmonary disease in lung cancer screening Computed Tomography scans: independent contribution of emphysema, air trapping and bronchial wall thickening. Respiratory Research, 2013, 14, 59.	3.6	63
61	CT Screening for Pulmonary Pathology in Common Variable Immunodeficiency Disorders and the Correlation with Clinical and Immunological Parameters. Journal of Clinical Immunology, 2014, 34, 642-654.	3.8	63
62	Accuracy of bone mineral density quantification using dual-layer spectral detector CT: a phantom study. European Radiology, 2017, 27, 4351-4359.	4.5	60
63	Dose reduction for CT in children with cystic fibrosis: is it feasible to reduce the number of images per scan?. Pediatric Radiology, 2006, 36, 50-53.	2.0	59
64	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.	4.5	58
65	Functional and computed tomographic evolution and survival of restrictive allograft syndrome after lung transplantation. Journal of Heart and Lung Transplantation, 2014, 33, 270-277.	0.6	58
66	Detection and quantification of the solid component in pulmonary subsolid nodules by semiautomatic segmentation. European Radiology, 2015, 25, 488-496.	4.5	58
67	Early Identification of Small Airways Disease on Lung Cancer Screening CT: Comparison of Current Air Trapping Measures. Lung, 2012, 190, 629-633.	3.3	56
68	The relationship between lung function impairment and quantitative computed tomography in chronic obstructive pulmonary disease. European Radiology, 2012, 22, 120-128.	4.5	56
69	Achievable dose reduction using iterative reconstruction for chest computed tomography: A systematic review. European Journal of Radiology, 2015, 84, 2307-2313.	2.6	56
70	The effect of iterative reconstruction on computed tomography assessment of emphysema, air trapping and airway dimensions. European Radiology, 2012, 22, 2103-2109.	4.5	55
71	Sensitivity and accuracy of volumetry of pulmonary nodules on low-dose 16- and 64-row multi-detector CT: an anthropomorphic phantom study. European Radiology, 2013, 23, 139-147.	4.5	55
72	Incidental findings on chest CT imaging are associated with increased COPD exacerbations and mortality. Thorax, 2015, 70, 725-731.	5.6	55

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73	Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. Circulation: Cardiovascular Genetics, 2016, 9, 511-520.	5.1	54
74	Risk stratification based on screening history: the NELSON lung cancer screening study. Thorax, 2017, 72, 819-824.	5.6	54
75	Cystic Fibrosis Specific Computed Tomography Scoring. Proceedings of the American Thoracic Society, 2007, 4, 338-342.	3.5	52
76	Quantification of coronary artery calcium in nongated CT to predict cardiovascular events in male lung cancer screening participants: Results of the NELSON study. Journal of Cardiovascular Computed Tomography, 2015, 9, 50-57.	1.3	52
77	Parametric response mapping on chest computed tomography associates with clinical and functional parameters in chronic obstructive pulmonary disease. Respiratory Medicine, 2017, 123, 48-55.	2.9	52
78	Normal Range of Emphysema and Air Trapping on CT in Young Men. American Journal of Roentgenology, 2012, 199, 336-340.	2.2	51
79	Diffuse idiopathic skeletal hyperostosis: Etiology and clinical relevance. Best Practice and Research in Clinical Rheumatology, 2020, 34, 101527.	3.3	51
80	Airway wall thickness associated with forced expiratory volume in 1 second decline and development of airflow limitation. European Respiratory Journal, 2015, 45, 644-651.	6.7	50
81	Osteoporosis markers on low-dose lung cancer screening chest computed tomography scans predict all-cause mortality. European Radiology, 2015, 25, 132-139.	4.5	49
82	A CT Scan Score for the Assessment of Lung Disease in Children With Common Variable Immunodeficiency Disorders. Chest, 2010, 138, 371-379.	0.8	48
83	Pirfenidone: A Potential New Therapy for Restrictive Allograft Syndrome?. American Journal of Transplantation, 2013, 13, 3035-3040.	4.7	47
84	Classification criteria for diffuse idiopathic skeletal hyperostosis: a lack of consensus. Rheumatology, 2017, 56, 1123-1134.	1.9	47
85	Impact of Personal Characteristics and Technical Factors on Quantification of Sodium ¹⁸F-Fluoride Uptake in Human Arteries: Prospective Evaluation of Healthy Subjects. Journal of Nuclear Medicine, 2015, 56, 1534-1540.	5.0	46
86	Fusion of Local and Global Detection Systems to Detect Tuberculosis in Chest Radiographs. Lecture Notes in Computer Science, 2010, 13, 650-657.	1.3	46
87	Computed tomographic estimation of lung dimensions throughout the growth period. European Respiratory Journal, 2006, 27, 261-267.	6.7	45
88	Bag-of-Frequencies: A Descriptor of Pulmonary Nodules in Computed Tomography Images. IEEE Transactions on Medical Imaging, 2015, 34, 962-973.	8.9	45
89	Association of High Ankle Brachial Index With Incident Cardiovascular Disease and Mortality in a High-Risk Population. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 412-417.	2.4	45
90	Estimation of lung growth using computed tomography. European Respiratory Journal, 2003, 22, 235-238.	6.7	44

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91	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.	2.2	44
92	Threeâ€dimensional analysis of shape variations and symmetry of the fibula, tibia, calcaneus and talus. Journal of Anatomy, 2019, 234, 132-144.	1.5	44
93	Toward automatic regional analysis of pulmonary function using inspiration and expiration thoracic CT. Medical Physics, 2012, 39, 1650-1662.	3.0	43
94	Inter-observer and inter-examination variability of manual vertebral bone attenuation measurements on computed tomography. European Radiology, 2016, 26, 3046-3053.	4.5	43
95	Dose reduction with iterative reconstruction for coronary CT angiography: a systematic review and meta-analysis. British Journal of Radiology, 2016, 89, 20150068.	2.2	43
96	Risk factors for atherosclerotic and medial arterial calcification of the intracranial internal carotid artery. Atherosclerosis, 2018, 276, 44-49.	0.8	43
97	Solid, Part-Solid, or Non-Solid?. Investigative Radiology, 2015, 50, 168-173.	6.2	42
98	Contrast agent concentration optimization in CTA using low tube voltage and dual-energy CT in multiple vendors: a phantom study. International Journal of Cardiovascular Imaging, 2018, 34, 1265-1275.	1.5	42
99	Impact of different palliative systemic treatments on skeletal muscle mass in metastatic colorectal cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 909-919.	7.3	42
100	Screening for Lung Cancer with Digital Chest Radiography: Sensitivity and Number of Secondary Work-up CT Examinations. Radiology, 2010, 255, 629-637.	7.3	41
101	Role of FDG PET/CT in monitoring treatment response in patients with invasive fungal infections. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 174-183.	6.4	41
102	Clavicle segmentation in chest radiographs. Medical Image Analysis, 2012, 16, 1490-1502.	11.6	40
103	Etidronate halts systemic arterial calcification in pseudoxanthoma elasticum. Atherosclerosis, 2020, 292, 37-41.	0.8	40
104	Contribution of CT Quantified Emphysema, Air Trapping and Airway Wall Thickness on Pulmonary Function in Male Smokers With and Without COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2014, 11, 503-509.	1.6	39
105	Finding the optimal dose reduction and iterative reconstruction level for coronary calcium scoring. Journal of Cardiovascular Computed Tomography, 2016, 10, 69-75.	1.3	39
106	Coronary fluorine-18-sodium fluoride uptake is increased in healthy adults with an unfavorable cardiovascular risk profile. Nuclear Medicine Communications, 2017, 38, 1007-1014.	1.1	37
107	Imaging and Clinical Trials in Cystic Fibrosis. Proceedings of the American Thoracic Society, 2007, 4, 343-346.	3.5	36
108	Tracheomalacia in Adults with Cystic Fibrosis: Determination of Prevalence and Severity with Dynamic Cine CT. Radiology, 2009, 252, 577-586.	7.3	36

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109	Association of Chronic Obstructive Pulmonary Disease and Smoking Status With Bone Density and Vertebral Fractures in Male Lung Cancer Screening Participants. Journal of Bone and Mineral Research, 2014, 29, 2224-2229.	2.8	36
110	Brock malignancy risk calculator for pulmonary nodules: validation outside a lung cancer screening population. Thorax, 2018, 73, 857-863.	5.6	36
111	The impact of CT radiation dose reduction and iterative reconstruction algorithms from four different vendors on coronary calcium scoring. European Radiology, 2014, 24, 2201-2212.	4.5	35
112	Identification of Risk of Cardiovascular Disease by Automatic Quantification of Coronary Artery Calcifications on Radiotherapy Planning CT Scans in Patients With Breast Cancer. JAMA Oncology, 2021, 7, 1024.	7.1	35
113	Automatic Coronary Artery Calcium Scoring on Radiotherapy Planning CT Scans of Breast Cancer Patients: Reproducibility and Association with Traditional Cardiovascular Risk Factors. PLoS ONE, 2016, 11, e0167925.	2.5	35
114	Computed Tomography Radiation Dose Reduction. Journal of Computer Assisted Tomography, 2014, 38, 815-823.	0.9	34
115	Intimal and medial calcification in relation to cardiovascular risk factors. PLoS ONE, 2020, 15, e0235228.	2.5	34
116	Intracranial Arterial Calcification: Prevalence, Risk Factors, andÂConsequences. Journal of the American College of Cardiology, 2020, 76, 1595-1604.	2.8	34
117	Calcification of the splenic, iliac, and breast arteries and risk of all-cause and cardiovascular mortality. Atherosclerosis, 2017, 259, 120-127.	0.8	33
118	Prevalence and severity of arterial calcifications in pseudoxanthoma elasticum (PXE) compared to hospital controls. Novel insights into the vascular phenotype of PXE. Atherosclerosis, 2017, 256, 7-14.	0.8	33
119	Breast Arterial Calcifications and Their Association With Incident Cardiovascular Disease and Diabetes. Journal of the American College of Cardiology, 2015, 65, 859-860.	2.8	32
120	Simultaneous occurrence of ankylosing spondylitis and diffuse idiopathic skeletal hyperostosis: a systematic review. Rheumatology, 2018, 57, 2120-2128.	1.9	32
121	Intraocular sarcoidosis: association of clinical characteristics of uveitis with positive chest high-resolution computed tomography findings. British Journal of Ophthalmology, 2010, 94, 219-222.	3.9	31
122	Thin-section Computed Tomography findings before and after azithromycin treatment of neutrophilic reversible lung allograft dysfunction. European Radiology, 2011, 21, 2466-2474.	4.5	31
123	Rate of progression of CT-quantified emphysema in male current and ex-smokers: a follow-up study. Respiratory Research, 2013, 14, 55.	3.6	31
124	Hybrid and Model-Based Iterative Reconstruction Techniques for Pediatric CT. American Journal of Roentgenology, 2015, 204, 645-653.	2.2	31
125	Quantification of growth patterns of screen-detected lung cancers: The NELSON study. Lung Cancer, 2017, 108, 48-54.	2.0	31
126	Abdominal aortic calcification: from ancient friend to modern foe. European Journal of Preventive Cardiology, 2021, 28, 1386-1391.	1.8	31

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127	The effect of iterative reconstruction on quantitative computed tomography assessment of coronary plaque composition. International Journal of Cardiovascular Imaging, 2014, 30, 155-163.	1.5	30
128	Diagnosis of diffuse idiopathic skeletal hyperostosis with chest computed tomography: inter-observer agreement. European Radiology, 2017, 27, 188-194.	4.5	30
129	Inter-arm systolic blood pressure differences, relations with future vascular events and mortality in patients with and without manifest vascular disease. International Journal of Cardiology, 2017, 244, 271-276.	1.7	30
130	Frequency and characteristics of pulmonary nodules in children at computed tomography. Pediatric Radiology, 2017, 47, 1751-1758.	2.0	30
131	Computerâ€aided detection of interstitial abnormalities in chest radiographs using a reference standard based on computed tomography. Medical Physics, 2007, 34, 4798-4809.	3.0	29
132	Airway and interstitial lung disease are distinct entities in paediatric common variable immunodeficiency. Clinical and Experimental Immunology, 2011, 165, 235-242.	2.6	29
133	Computer-Aided Segmentation and Volumetry of Artificial Ground-Glass Nodules at Chest CT. American Journal of Roentgenology, 2013, 201, 295-300.	2.2	29
134	The Effects of Computed Tomography with Iterative Reconstruction on Solid Pulmonary Nodule Volume Quantification. PLoS ONE, 2013, 8, e58053.	2.5	29
135	Emphysema quantification using chest CT: influence of radiation dose reduction and reconstruction technique. European Radiology Experimental, 2018, 2, 30.	3.4	29
136	Parametric Response Mapping Adds Value to Current Computed Tomography Biomarkers in Diagnosing Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1084-1086.	5.6	28
137	Fleischner recommendations for the management of subsolid pulmonary nodules: high awareness but limited conformance â€“ a survey study. European Radiology, 2016, 26, 3840-3849.	4.5	28
138	Incidental perifissural nodules on routine chest computed tomography: lung cancer or not?. European Radiology, 2018, 28, 1095-1101.	4.5	28
139	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. Journal of Clinical Medicine, 2020, 9, 199.	2.4	28
140	Small Irregular Pulmonary Nodules in Low-Dose CT: Observer Detection Sensitivity and Volumetry Accuracy. American Journal of Roentgenology, 2014, 202, W202-W209.	2.2	27
141	The Natural Course of Diffuse Idiopathic Skeletal Hyperostosis in the Thoracic Spine of Adult Males. Journal of Rheumatology, 2018, 45, 1116-1123.	2.0	27
142	Discriminating dominant computed tomography phenotypes in smokers without or with mild COPD. Respiratory Medicine, 2014, 108, 136-143.	2.9	26
143	Submillisievert coronary calcium quantification using model-based iterative reconstruction: A within-patient analysis. European Journal of Radiology, 2016, 85, 2152-2159.	2.6	26
144	Cerebral disease in a nationwide Dutch pseudoxanthoma elasticum cohort with a systematic review of the literature. Journal of the Neurological Sciences, 2017, 373, 167-172.	0.6	26

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145	Computed tomographic findings in subjects who died from respiratory disease in the National Lung Screening Trial. European Respiratory Journal, 2017, 49, 1601814.	6.7	26
146	CT-Based Local Distribution Metric Improves Characterization of COPD. Scientific Reports, 2017, 7, 2999.	3.3	26
147	Coronary Artery Calcification in Hemodialysis and Peritoneal Dialysis. American Journal of Nephrology, 2018, 48, 369-377.	3.1	26
148	The prevalence of pseudoxanthoma elasticum: Revised estimations based on genotyping in a high vascular risk cohort. European Journal of Medical Genetics, 2019, 62, 90-92.	1.3	26
149	Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. Radiology, 2019, 291, 420-426.	7.3	26
150	Lung Function Decline in Male Heavy Smokers Relates to Baseline Airflow Obstruction Severity. Chest, 2012, 142, 1530-1538.	0.8	25
151	Iterative reconstruction does not substantially delay CT imaging in an emergency setting. Insights Into Imaging, 2013, 4, 391-397.	3.4	25
152	Semi-Automatic Quantification of Subsolid Pulmonary Nodules: Comparison with Manual Measurements. PLoS ONE, 2013, 8, e80249.	2.5	25
153	Prevalent Vertebral Fractures on Chest CT: Higher Risk for Future Hip Fracture. Journal of Bone and Mineral Research, 2014, 29, 392-398.	2.8	25
154	The impact of a new model-based iterative reconstruction algorithm on prosthetic heart valve related artifacts at reduced radiation dose MDCT. International Journal of Cardiovascular Imaging, 2014, 30, 785-793.	1.5	25
155	Morphological characteristics of diffuse idiopathic skeletal hyperostosis in the cervical spine. PLoS ONE, 2017, 12, e0188414.	2.5	25
156	Sex Differences in Coronary Artery and Thoracic Aorta Calcification and Their Association With Cardiovascular Mortality in Heavy Smokers. JACC: Cardiovascular Imaging, 2019, 12, 1808-1817.	5.3	25
157	Low IgA Associated With Oropharyngeal Microbiota Changes and Lung Disease in Primary Antibody Deficiency. Frontiers in Immunology, 2020, 11, 1245.	4.8	25
158	Update on the application of chest computed tomography scanning to cystic fibrosis. Current Opinion in Pulmonary Medicine, 2006, 12, 433-439.	2.6	24
159	Circulating species of matrix Gla protein and the risk of vascular calcification in healthy women. International Journal of Cardiology, 2013, 168, e168-e170.	1.7	24
160	Interscan variation of semi-automated volumetry of subsolid pulmonary nodules. European Radiology, 2015, 25, 1040-1047.	4.5	24
161	Intra and Interobserver Reliability and Agreement of Semiquantitative Vertebral Fracture Assessment on Chest Computed Tomography. PLoS ONE, 2013, 8, e71204.	2.5	24
162	Deep Learning for Lung Cancer Detection on Screening CT Scans: Results of a Large-Scale Public Competition and an Observer Study with 11 Radiologists. Radiology: Artificial Intelligence, 2021, 3, e210027.	5.8	24

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163	Diagnostic properties of C-reactive protein for detecting pneumonia in children. Respiratory Medicine, 2013, 107, 1087-1093.	2.9	23
164	Accuracy of CT Pulmonary Artery Diameter for Pulmonary Hypertension in End-Stage COPD. Lung, 2016, 194, 813-819.	3.3	23
165	Generalized cardiovascular disease on a preoperative CT scan is predictive for anastomotic leakage after esophagectomy. European Journal of Surgical Oncology, 2018, 44, 587-593.	1.0	23
166	Loss of skeletal muscle index and survival in patients with metastatic colorectal cancer: Secondary analysis of the phase 3 CAIRO3 trial. Cancer Medicine, 2020, 9, 1033-1043.	2.8	23
167	Deep convolutional neural networks for automatic coronary calcium scoring in a screening study with low-dose chest CT. Proceedings of SPIE, 2016, , .	0.8	22
168	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471.	3.6	22
169	Signs of Pulmonary Infection on Admission Chest Computed Tomography Are Associated With Pneumonia or Death in Patients With Acute Stroke. Stroke, 2020, 51, 1690-1695.	2.0	22
170	Computed Tomography of Aortic Wall Calcifications in Aortic Dissection Patients. PLoS ONE, 2014, 9, e102036.	2.5	22
171	Conventional High-resolution CT Versus Contiguous Multidetector CT in the Detection of Bronchiolitis Obliterans Syndrome in Lung Transplant Recipients. Journal of Thoracic Imaging, 2008, 23, 235-243.	1.5	21
172	Structural lung changes, lung function, and nonâ€invasive inflammatory markers in cystic fibrosis. Pediatric Allergy and Immunology, 2010, 21, 493-500.	2.6	21
173	Effect of radiation dose reduction and iterative reconstruction on computer-aided detection of pulmonary nodules: Intra-individual comparison. European Journal of Radiology, 2016, 85, 346-351.	2.6	21
174	Feasibility and accuracy of dual-layer spectral detector computed tomography for quantification of gadolinium: a phantom study. European Radiology, 2017, 27, 3677-3686.	4.5	21
175	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
176	Predictors for progressive fibrosis in patients with connective tissue disease associated interstitial lung diseases. Respiratory Medicine, 2021, 187, 106579.	2.9	21
177	Visual versus Automated Evaluation of Chest Computed Tomography for the Presence of Chronic Obstructive Pulmonary Disease. PLoS ONE, 2012, 7, e42227.	2.5	21
178	Dose reduction for coronary calcium scoring with hybrid and model-based iterative reconstruction: an ex vivo study. International Journal of Cardiovascular Imaging, 2014, 30, 1125-1133.	1.5	20
179	Effect of computed tomography before cardiac surgery on surgical strategy, mortality and stroke. European Journal of Radiology, 2016, 85, 744-750.	2.6	20
180	Emphysema Is Common in Lungs of Cystic Fibrosis Lung Transplantation Patients: A Histopathological and Computed Tomography Study. PLoS ONE, 2015, 10, e0128062.	2.5	20

#	Article	IF	Citations
181	Computed tomography dose and variability of airway dimension measurements: how low can we go?. Pediatric Radiology, 2006, 36, 1043-1047.	2.0	19
182	Bone mineral density changes over time in diffuse idiopathic skeletal hyperostosis of the thoracic spine. Bone, 2018, 112, 90-96.	2.9	19
183	Automated estimation of progression of interstitial lung disease in CT images. Medical Physics, 2010, 37, 63-73.	3.0	18
184	Can nontriggered thoracic CT be used for coronary artery calcium scoring? A phantom study. Medical Physics, 2013, 40, 081915.	3.0	18
185	Cardiac valve calcifications on low-dose unenhanced ungated chest computed tomography: inter-observer and inter-examination reliability, agreement and variability. European Radiology, 2014, 24, 1557-1564.	4.5	18
186	Uniform data collection in routine clinical practice in cardiovascular patients for optimal care, quality control and research: The Utrecht Cardiovascular Cohort. European Journal of Preventive Cardiology, 2017, 24, 840-847.	1.8	18
187	CT calcification patterns of peripheral arteries in patients without known peripheral arterial disease. European Journal of Radiology, 2020, 128, 108973.	2.6	18
188	The association between skeletal muscle measures and chemotherapyâ€induced toxicity in nonâ€small cell lung cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1554-1564.	7.3	18
189	Normal mediastinal and hilar lymph nodes in children on multi-detector row chest computed tomography. European Radiology, 2012, 22, 318-321.	4.5	17
190	Serum Lipid Levels, Body Mass Index, and Their Role in Coronary Artery Calcification. Circulation: Cardiovascular Genetics, 2015, 8, 327-333.	5.1	17
191	Radiation dose reduction for CT assessment of urolithiasis using iterative reconstruction: A prospective intra-individual study. European Radiology, 2018, 28, 143-150.	4.5	17
192	Transinguinal sonographic determination of the position of the femoral head after reposition and follow-up in a spica cast. Pediatric Radiology, 2010, 40, 1794-1799.	2.0	16
193	High-resolution computed tomography and pulmonary function in children with common variable immunodeficiency. European Respiratory Journal, 2011, 38, 1437-1443.	6.7	16
194	Phylloquinone Concentrations and the Risk of Vascular Calcification in Healthy Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1587-1590.	2.4	16
195	Coronary calcium scores are systematically underestimated at a large chest size: A multivendor phantom study. Journal of Cardiovascular Computed Tomography, 2015, 9, 415-421.	1.3	16
196	The interdependence between cardiovascular calcifications in different arterial beds and vascular risk factors in patients at high cardiovascular risk. Atherosclerosis, 2015, 238, 140-146.	0.8	16
197	Subsolid pulmonary nodule morphology and associated patient characteristics in a routine clinical population. European Radiology, 2017, 27, 689-696.	4.5	16
198	IgG trough levels and progression of pulmonary disease in pediatric and adult common variable immunodeficiency disorder patients. Journal of Allergy and Clinical Immunology, 2017, 140, 303-306.e4.	2.9	16

#	Article	IF	Citations
199	Cyst-related primary lung malignancies: an important and relatively unknown imaging appearance of (early) lung cancer. European Respiratory Review, 2018, 27, 180079.	7.1	16
200	Mechanisms of calcification in Fahr disease and exposure of potential therapeutic targets. Neurology: Clinical Practice, 2020, 10, 449-457.	1.6	16
201	Mucus plugging, air trapping, and bronchiectasis are important outcome measures in assessing progressive childhood cystic fibrosis lung disease. Pediatric Pulmonology, 2020, 55, 929-938.	2.0	16
202	Famine in the Young and Risk of Later Hospitalization for COPD and Asthma. PLoS ONE, 2013, 8, e82636.	2.5	16
203	Estimation of the Radiation Dose From CT in Cystic Fibrosis. Chest, 2008, 133, 1289-1290.	0.8	15
204	Inter- and intrascanner variability of pulmonary nodule volumetry on low-dose 64-row CT: an anthropomorphic phantom study. British Journal of Radiology, 2013, 86, 20130160.	2.2	15
205	Prognostic value of heart valve calcifications for cardiovascular events in a lung cancer screening population. International Journal of Cardiovascular Imaging, 2015, 31, 1243-1249.	1.5	15
206	Smokers with emphysema and small airway disease on computed tomography have lower bone density. International Journal of COPD, 2016, 11, 1207.	2.3	15
207	Intracranial artery calcifications: Risk factors and association with cardiovascular disease and cognitive function. Journal of Neuroradiology, 2022, 49, 281-287.	1.1	15
208	The Added Value of [18F]FDG PET/CT in the Management of Invasive Fungal Infections. Diagnostics, 2021, 11, 137.	2.6	15
209	Genotype-phenotype correlation in pseudoxanthoma elasticum. Atherosclerosis, 2021, 324, 18-26.	0.8	15
210	Computer-Aided Detection of Ground Glass Nodules in Thoracic CT Images Using Shape, Intensity and Context Features. Lecture Notes in Computer Science, 2011, 14, 207-214.	1.3	15
211	Computed Tomography Structural Lung Changes in Discordant Airflow Limitation. PLoS ONE, 2013, 8, e65177.	2.5	14
212	The impact of radiologistsâ€™ expertise on screen results decisions in a CT lung cancer screening trial. European Radiology, 2015, 25, 792-799.	4.5	14
213	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. Journal of Cardiovascular Computed Tomography, 2016, 10, 242-245.	1.3	14
214	Normalized emphysema scores on low dose CT: Validation as an imaging biomarker for mortality. PLoS ONE, 2017, 12, e0188902.	2.5	14
215	An elevated ankle-brachial index is not a valid proxy for peripheral medial arterial calcification. Atherosclerosis, 2021, 323, 13-19.	0.8	14
216	Global and Local Multi-valued Dissimilarity-Based Classification: Application to Computer-Aided Detection of Tuberculosis. Lecture Notes in Computer Science, 2009, 12, 724-731.	1.3	14

#	Article	IF	Citations
217	Modified Chrispin-Norman chest radiography score for cystic fibrosis: observer agreement and correlation with lung function. European Radiology, 2011, 21, 722-729.	4.5	13
218	Can Low-Dose Unenhanced Chest CT Be Used for Follow-Up of Lung Nodules?. American Journal of Roentgenology, 2012, 199, 777-780.	2.2	13
219	Variation in quantitative CT air trapping in heavy smokers on repeat CT examinations. European Radiology, 2012, 22, 2710-2717.	4.5	13
220	Hippocampal Calcification on Computed Tomography in Relation to Cognitive Decline in Memory Clinic Patients: A Case-Control Study. PLoS ONE, 2016, 11, e0167444.	2.5	13
221	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. Insights Into Imaging, 2018, 9, 493-498.	3.4	13
222	Diagnostic Performance of On-Site Coronary CT Angiographyâ€“derived Fractional Flow Reserve Based on Patient-specific Lumped Parameter Models. Radiology: Cardiothoracic Imaging, 2019, 1, e190036.	2.5	13
223	Accelerated peripheral vascular aging in pseudoxanthoma elasticum â€“ proof of concept for arterial calcification-induced cardiovascular disease. Aging, 2019, 11, 1062-1064.	3.1	13
224	Iterative reconstruction improves evaluation of native aortic and mitral valves by retrospectively ECG-gated thoracoabdominal CTA. European Radiology, 2013, 23, 968-974.	4.5	12
225	In vivo growth of 60 non-screening detected lung cancers: a computed tomography study. European Respiratory Journal, 2018, 51, 1702183.	6.7	12
226	Hippocampal Calcifications: Risk Factors and Association with Cognitive Function. Radiology, 2018, 288, 815-820.	7.3	12
227	Prevalence and vascular risk factors of basal ganglia calcifications in patients at risk for cerebrovascular disease. Journal of Neuroradiology, 2020, 47, 337-342.	1.1	12
228	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. Radiology: Cardiothoracic Imaging, 2020, 2, e200342.	2.5	12
229	Serum biomarkers for arterial calcification in humans: A systematic review. Bone Reports, 2022, 17, 101599.	0.4	12
230	CT Air Trapping Is Independently Associated with Lung Function Reduction over Time. PLoS ONE, 2013, 8, e61783.	2.5	11
231	Medial Arterial Calcification: Active Reversible Disease in Human Breast Arteries. JACC: Cardiovascular Imaging, 2015, 8, 984-985.	5.3	11
232	Diffuse Idiopathic Skeletal Hyperostosis Is Associated with Lower Lung Volumes in Current and Former Smokers. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 241-242.	5.6	11
233	Arterial stiffening and thickening in patients with pseudoxanthoma elasticum. Atherosclerosis, 2018, 270, 160-165.	0.8	11
234	Histological validation of calcifications in the human hippocampus as seen on computed tomography. PLoS ONE, 2018, 13, e0197073.	2.5	11

#	Article	IF	Citations
235	Determinants of 18F-NaF uptake in femoral arteries in patients with type 2 diabetes mellitus. Journal of Nuclear Cardiology, 2021, 28, 2700-2705.	2.1	11
236	High-resolution CT of nontuberculous mycobacterium infection in adult CF patients: diagnostic accuracy. European Radiology, 2012, 22, 2736-2742.	4.5	10
237	High FDG Uptake in the Right Ventricular Myocardium of a Pulmonary Hypertension Patient. Journal of the American College of Cardiology, 2013, 62, 1724.	2.8	10
238	Pediatric Chest Computed Tomography at a Radiation Dose Approaching a Chest Radiograph. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 626-627.	5.6	10
239	Pulmonary Nodule Volumetry at Different Low Computed Tomography Radiation Dose Levels With Hybrid and Model-Based Iterative Reconstruction. Journal of Computer Assisted Tomography, 2016, 40, 578-583.	0.9	10
240	Air trapping on computed tomography: regional versus diffuse. European Respiratory Journal, 2017, 49, 1601791.	6.7	10
241	Increased Elastin Degradation in Pseudoxanthoma Elasticum Is Associated with Peripheral Arterial Disease Independent of Calcification. Journal of Clinical Medicine, 2020, 9, 2771.	2.4	10
242	Predicting the mechanical hipâ€“kneeâ€“ankle angle accurately from standard knee radiographs: a cross-validation experiment in 100 patients. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 732-737.	3.3	10
243	Rib suppression in chest radiographs to improve classification of textural abnormalities. , 2010, , .		9
244	SFTPCMutations in Patients with Familial Pulmonary Fibrosis: Combined with Emphysema?. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1113-1114.	5.6	9
245	Pulmonary function and CT biomarkers as risk factors for cardiovascular events in male lung cancer screening participants: the NELSON study. European Radiology, 2015, 25, 65-71.	4.5	9
246	High Diagnostic Yield of Dedicated Pulmonary Screening before Hematopoietic Cell Transplantation in Children. Biology of Blood and Marrow Transplantation, 2015, 21, 1622-1626.	2.0	9
247	Impact of Cardiovascular Calcifications on the Detrimental Effect of Continued Smoking on Cardiovascular Risk in Male Lung Cancer Screening Participants. PLoS ONE, 2013, 8, e66484.	2.5	8
248	Natural history and CT scan follow-up of subependymal giant cell tumors in tuberous sclerosis complex patients. Journal of Clinical Neuroscience, 2014, 21, 939-941.	1.5	8
249	Chest Computed Tomography-Based Scoring of Thoracic Sarcoidosis: Inter-rater Reliability of CT Abnormalities. European Radiology, 2015, 25, 2558-2566.	4.5	8
250	Follow-up of CT-derived airway wall thickness: Correcting for changes in inspiration level improves reliability. European Journal of Radiology, 2016, 85, 2008-2013.	2.6	8
251	Landmark papers in respiratory medicine: Automatic quantification of emphysema and airways disease on computed tomography. Breathe, 2016, 12, 79-81.	1.3	8
252	Complications After Stent Placement for Aortic Coarctation. Journal of Thoracic Imaging, 2017, 32, W69-W80.	1.5	8

#	Article	IF	Citations
253	Reference values for fluorine-18-fluorodeoxyglucose and fluorine-18-sodium fluoride uptake in human arteries. Nuclear Medicine Communications, 2017, 38, 998-1006.	1.1	8
254	A Reflectivity Measure to Quantify Bruch's Membrane Calcification in Patients with Pseudoxanthoma Elasticum Using Optical Coherence Tomography. Translational Vision Science and Technology, 2020, 9, 34.	2.2	8
255	Comparison of the Heel Enthesitis MRI Scoring System (HEMRIS) with clinical enthesitis and local metabolic activity on PET-CT. RMD Open, 2020, 6, e001424.	3.8	8
256	Effect of intravenous thrombolysis in stroke depends on pattern of intracranial internal carotid artery calcification. Atherosclerosis, 2021, 316, 8-14.	0.8	8
257	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
258	Multimodal Learning for Cardiovascular Risk Prediction using EHR Data. , 2020, , .		8
259	Interactive lung segmentation in abnormal human and animal chest CT scans. Medical Physics, 2014, 41, 081915.	3.0	7
260	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. Atherosclerosis, 2014, 235, 546-553.	0.8	7
261	Pulmonary alveolar proteinosis in a cat. BMC Veterinary Research, 2015, 11, 302.	1.9	7
262	Computed tomography image quality of aortic stents in patients with aortic coarctation: a multicentre evaluation. European Radiology Experimental, 2018, 2, 17.	3.4	7
263	Anterior longitudinal ligament in diffuse idiopathic skeletal hyperostosis: Ossified or displaced?. Journal of Orthopaedic Research, 2018, 36, 2491-2496.	2.3	7
264	The Association Between Marital Status, Coronary Computed Tomography Imaging Biomarkers, and Mortality in a Lung Cancer Screening Population. Journal of Thoracic Imaging, 2020, 35, 204-209.	1.5	7
265	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 198-212.	0.7	7
266	Deep Learningâ€“Quantified Calcium Scores for Automatic Cardiovascular Mortality Prediction at Lung Screening Low-Dose CT. Radiology: Cardiothoracic Imaging, 2021, 3, e190219.	2.5	7
267	Direct prediction of cardiovascular mortality from low-dose chest CT using deep learning. , 2019, , .		7
268	Pretransplant HRCT Characteristics Are Associated with Worse Outcome of Lung Transplantation for Cystic Fibrosis Patients. PLoS ONE, 2015, 10, e0145597.	2.5	7
269	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
270	Does high-resolution CT has diagnostic value in patients presenting with respiratory symptoms after hematopoietic stem cell transplantation?. European Journal of Radiology, 2011, 80, e536-e543.	2.6	6

#	Article	IF	Citations
271	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. Journal of Rheumatology, 2020, 47, 531-538.	2.0	6
272	Impact of automatically detected motion artifacts on coronary calcium scoring in chest computed tomography. Journal of Medical Imaging, 2018, 5, 1.	1.5	6
273	Optimizing lung cancer screening: nodule size, volume doubling time, morphology and evaluation of other diseases. Annals of Translational Medicine, 2015, 3, 19.	1.7	6
274	Interactive annotation of textures in thoracic CT scans. Proceedings of SPIE, 2010, , .	0.8	5
275	Famine in childhood and postmenopausal coronary artery calcification: a cohort study. BMJ Open, 2013, 3, e003818.	1.9	5
276	Variants in the 15q24/25 Locus Associate with Lung Function Decline in Active Smokers. PLoS ONE, 2013, 8, e53219.	2.5	5
277	Cavity contour segmentation in chest radiographs using supervised learning and dynamic programming. Medical Physics, 2014, 41, 071912.	3.0	5
278	Vertebral fractures on routine chest computed tomography: relation with arterial calcifications and future cardiovascular events. International Journal of Cardiovascular Imaging, 2015, 31, 437-445.	1.5	5
279	Application of speCtraL computed tomogrAphy to impRove specIficity of cardiac compuTed tomographY (CLARITY study): rationale and design. BMJ Open, 2019, 9, e025793.	1.9	5
280	The effect of etidronate on choroidal neovascular activity in patients with pseudoxanthoma elasticum. PLoS ONE, 2020, 15, e0240970.	2.5	5
281	Prediction of Cardiovascular Events by Using Non-Vascular Findings on Routine Chest CT. PLoS ONE, 2011, 6, e26036.	2.5	5
282	Scan-based competing death risk model for re-evaluating lung cancer computed tomography screening eligibility. European Respiratory Journal, 2022, 59, 2101613.	6.7	5
283	Detecting low blood concentrations in joints using T1 and T2 mapping at 1.5, 3, and 7 T: an in vitro study. European Radiology Experimental, 2021, 5, 51.	3.4	5
284	Radiation Dose for Pediatric Patients With Cystic Fibrosis. Chest, 2012, 142, 1077.	0.8	4
285	Non-solid lung nodules on low-dose computed tomography: comparison of detection rate between 3 visualization techniques. Cancer Imaging, 2013, 13, 150-154.	2.8	4
286	Coronary Artery Assessment on Electrocardiogram-Gated Thoracoabdominal Multidetector Computed Tomographic Angiography for Aortic Evaluation. Journal of Computer Assisted Tomography, 2014, 38, 185-189.	0.9	4
287	Osteoarthritis in Pseudoxanthoma Elasticum Patients: An Explorative Imaging Study. Journal of Clinical Medicine, 2020, 9, 3898.	2.4	4
288	Coiling of the Internal Carotid Artery is Associated with Hypertension in Patients Suspected of Stroke. Clinical Neuroradiology, 2020, 31, 425-430.	1.9	4

#	Article	IF	Citations
289	No Value for Routine Chest Radiography in the Work-Up of Early Stage Cervical Cancer Patients. PLoS ONE, 2015, 10, e0131899.	2.5	4
290	Radiation dose reduction in pediatric great vessel stent computed tomography using iterative reconstruction: A phantom study. PLoS ONE, 2017, 12, e0175714.	2.5	4
291	Pulmonary nodule follow-up: be careful with volumetry between contrast enhanced and unenhanced CT. Annals of Translational Medicine, 2016, 4, 346-346.	1.7	4
292	Liver Enhancement on Computed Tomography Is Suboptimal in Patients with Liver Steatosis. Journal of Personalized Medicine, 2021, 11, 1255.	2.5	4
293	Automatic machine learning based prediction of cardiovascular events in lung cancer screening data. Proceedings of SPIE, 2015, , .	0.8	3
294	Aortic Valve and Thoracic Aortic Calcification Measurements. Journal of Computer Assisted Tomography, 2017, 41, 148-155.	0.9	3
295	Classification of coronary artery calcifications according to motion artifacts in chest CT using a convolutional neural network. Proceedings of SPIE, 2017, , .	0.8	3
296	Validation of an imaging based cardiovascular risk score in a Scottish population. European Journal of Radiology, 2018, 98, 143-149.	2.6	3
297	Is arterial stiffness in the carotid artery associated with choroidal thinning in patients with pseudoxanthoma elasticum or controls?. Acta Ophthalmologica, 2020, 98, 492-499.	1.1	3
298	Histology and computed tomography of incidental calcifications in the human basal ganglia. Neuroradiology, 2021, 63, 1145-1148.	2.2	3
299	Coronary Artery Calcification as a Marker for Coronary Artery Stenosis: Comparing Kidney Failure to the General Population. Kidney Medicine, 2021, 3, 386-394.e1.	2.0	3
300	Mammograms to catch many birds with one stone. European Heart Journal, 2021, 42, 3371-3373.	2.2	3
301	Computer-aided Pulmonary Embolism Detection on Virtual Monochromatic Images Compared to Conventional CT Angiography. Radiology, 2021, 301, 420-422.	7.3	3
302	Arterial calcification on preoperative computed tomography imaging as a risk factor for pharyngocutaneous fistula formation after total laryngectomy. Head and Neck, 2021, , .	2.0	3
303	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
304	Comparison of the occurrence of mold infection among patients receiving chemotherapy for acute leukemia versus patients undergoing stem cell transplantation. European Journal of Haematology, 2011, 87, 419-425.	2.2	2
305	Images in COPD: Combined Pulmonary Emphysema and Fibrosis with Pulmonary Hypertension. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2017, 4, 76-80.	0.7	2
306	Automatic Prediction of Recurrence of Major Cardiovascular Events: A Text Mining Study Using Chest X-Ray Reports. Journal of Healthcare Engineering, 2021, 2021, 1-11.	1.9	2

#	Article	IF	Citations
307	Pseudohypoparathyroidism mimicking cervical diffuse idiopathic skeletal hyperostosis with dysphagia: A case report and literature review. Bone Reports, 2021, 15, 101111.	0.4	2
308	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
309	High-Resolution CT Can Differentiate Between Alloimmune and Nonalloimmune Lung Disease Early After Hematopoietic Cell Transplantation. American Journal of Roentgenology, 2014, 203, 656-661.	2.2	1
310	Cardiovascular disease prediction: do pulmonary disease-related chest CT features have added value?. European Radiology, 2015, 25, 1646-1654.	4.5	1
311	Letter to the Editor: The Parkland Carotid and Vertebral Artery Injury Survey. Journal of Neurosurgery, 2016, 124, 1878-1879.	1.6	1
312	Precision medicine in <scp>COPD</scp>: Are we making it too difficult?. Respirology, 2017, 22, 211-212.	2.3	1
313	Absence of Post-Transplantation Encapsulating Peritoneal Sclerosis after Relatively Short Exposure to Peritoneal Dialysis: Prospective Analysis Using Repeated Abdominal Ct Scanning. Peritoneal Dialysis International, 2017, 37, 443-450.	2.3	1
314	Dual energy CT to reveal pseudo leakage of frozen elephant trunk. Journal of Cardiovascular Computed Tomography, 2017, 11, 240-241.	1.3	1
315	Unravelling complexities of the subsolid pulmonary noduleâ€"detection, characterization, natural history, monitoring and (future) patient management. Journal of Thoracic Disease, 2019, 11, S1402-S1407.	1.4	1
316	Primary lung cancer in patients with previous malignancies: a nationwide study. Thorax, 2019, 74, 492-495.	5.6	1
317	Pulsatility Attenuation along the Carotid Siphon in Pseudoxanthoma Elasticum. American Journal of Neuroradiology, 2021, 42, 2030-2033.	2.4	1
318	Personalized lung cancer screening: the value of spirometry and emphysema as risk modifiers. Annals of Translational Medicine, 2016, 4, 293-293.	1.7	1
319	Progression of coronary artery calcification in conventional hemodialysis, nocturnal hemodialysis, and kidney transplantation. PLoS ONE, 2020, 15, e0244639.	2.5	1
320	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
321	Basal ganglia calcifications: No association with cognitive function. Journal of Neuroradiology, 2023, 50, 266-270.	1.1	1
322	Highâ€resolution computed tomography in pediatric common variable immunodeficiency: risks and benefits. Pediatric Allergy and Immunology, 2011, 22, 451-452.	2.6	0
323	A ruptured intracranial aneurysm with underlying cervicocranial fibromuscular dysplasia. Vascular Medicine, 2012, 17, 66-67.	1.5	0
324	Chronic Obstructive Pulmonary Disease Detection During Lung Cancer Screeningâ€"Reply. JAMA - Journal of the American Medical Association, 2012, 307, 664.	7.4	0

#	Article	IF	Citations
325	Evaluating Other Diseases With Computed Tomographic Screening for Lung Cancerâ€"Reply. JAMA - Journal of the American Medical Association, 2013, 309, 655.	7.4	0
326	Beeldvorming van de thorax bij rokers in de eerste lijn?. Bijblijven (Amsterdam, Netherlands), 2016, 32, 252-259.	0.0	0
327	Genome-wide association study of coronary and aortic calcification in lung cancer screening CT. Proceedings of SPIE, 2016, , .	0.8	0
328	Reply to: â€œsix months vitamin K treatment does not affect systemic arterial calcification or bone mineral density in diabetes mellitus 2â€• European Journal of Nutrition, 2021, 60, 1703-1704.	3.9	0
329	Systems Radiology and Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 769.	2.5	0
330	Quantification of Calcium in Peripheral Arteries of the Lower Extremities. Investigative Radiology, 2021, Publish Ahead of Print, .	6.2	0
331	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€• Circulation, 2021, 144, e334.	1.6	0
332	Title is missing!. , 2020, 15, e0244639.		0
333	Title is missing!. , 2020, 15, e0244639.		0
334	Title is missing!. , 2020, 15, e0244639.		0
335	Title is missing!. , 2020, 15, e0244639.		0
336	Title is missing!. , 2020, 15, e0244639.		0
337	Title is missing!. , 2020, 15, e0244639.		0
338	Title is missing!. , 2020, 15, e0244639.		0
339	Title is missing!. , 2020, 15, e0244639.		0