Marleen Vonder

List of Publications by Year
in descending order

27 papers	428 citations	623734 14 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	623 citing authors

#	Article	IF	Citations
1	Deep Learning for Automatic Calcium Scoring in Population-Based Cardiovascular Screening. JACC: Cardiovascular Imaging, 2022, 15, 366-367.	5.3	19
2	Association between Chest CTâ€“defined Emphysema and Lung Cancer: A Systematic Review and Meta-Analysis. Radiology, 2022, 304, 322-330.	7.3	22
3	CT characteristics of solid pulmonary nodules of never smokers versus smokers: A population-based study. European Journal of Radiology, 2022, 154, 110410.	2.6	3
4	Screening for coronary artery calcium in a high-risk population: the ROBINSCA trial. European Journal of Preventive Cardiology, 2021, 28, 1155-1159.	1.8	6
5	Computed Tomography Screening for Early Lung Cancer, COPD and Cardiovascular Disease in Shanghai: Rationale and Design of a Population-based Comparative Study. Academic Radiology, 2021, 28, 36-45.	2.5	17
6	High-pitch dual-source CT for coronary artery calcium scoring: A head-to-head comparison of non-triggered chest versus triggered cardiac acquisition. Journal of Cardiovascular Computed Tomography, 2021, 15, 65-72.	1.3	16
7	Latest CT technologies in lung cancer screening: protocols and radiation dose reduction. Translational Lung Cancer Research, 2021, 10, 1154-1164.	2.8	21
8	Coronary Artery Calcium and Cognitive Function in Dutch Adults: Crossâ€Sectional Results of the Populationâ€Based ImaLife Study. Journal of the American Heart Association, 2021, 10, e018172.	3.7	5
9	Community-based lung cancer screening by low-dose computed tomography in China: First round results and a meta-analysis. European Journal of Radiology, 2021, 144, 109988.	2.6	6
10	Cardiovascular Risk Factors and Coronary Calcification in a Middle-aged Dutch Population. Journal of Thoracic Imaging, 2021, 36, 174-180.	1.5	9
11	Comparison of National Comprehensive Cancer Network and European Position Statement protocols for nodule management in low-dose computed tomography lung cancer screening in a general Chinese population. Journal of Thoracic Disease, 2021, 13, 6855-6865.	1.4	0
12	Early imaging biomarkers of lung cancer, COPD and coronary artery disease in the general population: rationale and design of the ImaLife (Imaging in Lifelines) Study. European Journal of Epidemiology, 2020, 35, 75-86.	5.7	32
13	Deep learning for automated exclusion of cardiac CT examinations negative for coronary artery calcium. European Journal of Radiology, 2020, 129, 109114.	2.6	16
14	Screening for cardiovascular disease risk using traditional risk factor assessment or coronary artery calcium scoring: the ROBINSCA trial. European Heart Journal Cardiovascular Imaging, 2020, 21, 1216-1224.	1.2	43
15	Deep learning-based pulmonary nodule detection: Effect of slab thickness in maximum intensity projections at the nodule candidate detection stage. Computer Methods and Programs in Biomedicine, 2020, 196, 105620.	4.7	16
16	The Relationship of Coronary Artery Calcium and Clinical Coronary Artery Disease with Cognitive Function: A Systematic Review and Meta-Analysis. Journal of Atherosclerosis and Thrombosis, 2020, 27, 934-958.	2.0	13
17	Coronary artery calcium scoring in individuals at risk for coronary artery disease: current status and future perspectives. British Journal of Radiology, 2020, 93, 20190880.	2.2	4
18	Impact of a cardiovascular disease risk screening result on preventive behaviour in asymptomatic participants of the ROBINSCA trial. European Journal of Preventive Cardiology, 2019, 26, 1313-1322.	1.8	24

#	Article	IF	Citations
19	Screening for Early Lung Cancer, Chronic Obstructive Pulmonary Disease, and Cardiovascular Disease (the Big-3) Using Low-dose Chest Computed Tomography. Journal of Thoracic Imaging, 2019, 34, 160-169.	1.5	34
20	High-pitch versus sequential mode for coronary calcium in individuals with a high heart rate: Potential for dose reduction. Journal of Cardiovascular Computed Tomography, 2018, 12, 298-304.	1.3	10
21	Coronary Artery Calcium Imaging in the ROBINSCA Trial. Academic Radiology, 2018, 25, 118-128.	2.5	36
22	The impact of dose reduction on the quantification of coronary artery calcifications and risk categorization: A systematic review. Journal of Cardiovascular Computed Tomography, 2018, 12, 352-363.	1.3	21
23	Coronary artery calcium quantification on first, second and third generation dual source CT: A comparison study. Journal of Cardiovascular Computed Tomography, 2017, 11, 444-448.	1.3	7
24	Dose reduction techniques in coronary calcium scoring: The effect of iterative reconstruction combined with low tube voltage on calcium scores in a thoracic phantom. European Journal of Radiology, 2017, 93, 229-235.	2.6	10
25	Feasibility of spectral shaping for detection and quantification of coronary calcifications in ultra-low dose CT. European Radiology, 2017, 27, 2047-2054.	4.5	17
26	Hemodynamic evaluation in patients with transposition of the great arteries after the arterial switch operation: 4D flow and 2D phase contrast cardiovascular magnetic resonance compared with Doppler echocardiography. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 59.	3.3	19
27	True Diameter of Vessels. Journal of the American Society of Echocardiography, 2014, 27, 448-449.	2.8	2