

# Marleen Vonder

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Screening for cardiovascular disease risk using traditional risk factor assessment or coronary artery calcium scoring: the ROBINSICA trial. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1216-1224.	1.2	43
2	Coronary Artery Calcium Imaging in the ROBINSICA Trial. <i>Academic Radiology</i> , 2018, 25, 118-128.	2.5	36
3	Screening for Early Lung Cancer, Chronic Obstructive Pulmonary Disease, and Cardiovascular Disease (the Big-3) Using Low-dose Chest Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2019, 34, 160-169.	1.5	34
4	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. <i>European Journal of Epidemiology</i> , 2020, 35, 75-86.	5.7	32
5	Impact of a cardiovascular disease risk screening result on preventive behaviour in asymptomatic participants of the ROBINSICA trial. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1313-1322.	1.8	24
6	Association between Chest CT-defined Emphysema and Lung Cancer: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2022, 304, 322-330.	7.3	22
7	The impact of dose reduction on the quantification of coronary artery calcifications and risk categorization: A systematic review. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 352-363.	1.3	21
8	Latest CT technologies in lung cancer screening: protocols and radiation dose reduction. <i>Translational Lung Cancer Research</i> , 2021, 10, 1154-1164.	2.8	21
9	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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 59.	3.3	19
10	Deep Learning for Automatic Calcium Scoring in Population-Based Cardiovascular Screening. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 366-367.	5.3	19
11	Feasibility of spectral shaping for detection and quantification of coronary calcifications in ultra-low dose CT. <i>European Radiology</i> , 2017, 27, 2047-2054.	4.5	17
12	Computed Tomography Screening for Early Lung Cancer, COPD and Cardiovascular Disease in Shanghai: Rationale and Design of a Population-based Comparative Study. <i>Academic Radiology</i> , 2021, 28, 36-45.	2.5	17
13	Deep learning for automated exclusion of cardiac CT examinations negative for coronary artery calcium. <i>European Journal of Radiology</i> , 2020, 129, 109114.	2.6	16
14	Deep learning-based pulmonary nodule detection: Effect of slab thickness in maximum intensity projections at the nodule candidate detection stage. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105620.	4.7	16
15	High-pitch dual-source CT for coronary artery calcium scoring: A head-to-head comparison of non-triggered chest versus triggered cardiac acquisition. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 65-72.	1.3	16
16	The Relationship of Coronary Artery Calcium and Clinical Coronary Artery Disease with Cognitive Function: A Systematic Review and Meta-Analysis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020, 27, 934-958.	2.0	13
17	Dose reduction techniques in coronary calcium scoring: The effect of iterative reconstruction combined with low tube voltage on calcium scores in a thoracic phantom. <i>European Journal of Radiology</i> , 2017, 93, 229-235.	2.6	10
18	High-pitch versus sequential mode for coronary calcium in individuals with a high heart rate: Potential for dose reduction. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 298-304.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Cardiovascular Risk Factors and Coronary Calcification in a Middle-aged Dutch Population. Journal of Thoracic Imaging, 2021, 36, 174-180.	1.5	9
20	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
21	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
22	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
23	Coronary Artery Calcium and Cognitive Function in Dutch Adults: Cross-sectional Results of the Population-based ImaLife Study. Journal of the American Heart Association, 2021, 10, e018172.	3.7	5
24	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
25	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
26	True Diameter of Vessels. Journal of the American Society of Echocardiography, 2014, 27, 448-449.	2.8	2
27	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