

# Stefan Ulzheimer

## List of Publications by Year in descending order

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20  
papers

4,057  
citations

361045

20  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Coronary Artery Stenoses With Thin-Slice Multi-Detector Row Spiral Computed Tomography and Multiplanar Reconstruction. <i>Circulation</i> , 2003, 107, 664-666.	1.6	880
2	Detection of Coronary Artery Stenoses by Contrast-Enhanced, Retrospectively Electrocardiographically-Gated, Multislice Spiral Computed Tomography. <i>Circulation</i> , 2001, 103, 2535-2538.	1.6	627
3	Noninvasive Coronary Angiography by Retrospectively ECG-Gated Multislice Spiral CT. <i>Circulation</i> , 2000, 102, 2823-2828.	1.6	405
4	Noninvasive Visualization of Coronary Arteries Using Contrast-Enhanced Multidetector CT: Influence of Heart Rate on Image Quality and Stenosis Detection. <i>American Journal of Roentgenology</i> , 2002, 179, 911-916.	1.0	281
5	Coronary Artery Calcium: A Multi-institutional, Multimanager International Standard for Quantification at Cardiac CT. <i>Radiology</i> , 2007, 243, 527-538.	3.6	256
6	Photon-counting CT review. <i>Physica Medica</i> , 2020, 79, 126-136.	0.4	225
7	ECG-correlated image reconstruction from subsecond multi-slice spiral CT scans of the heart. <i>Medical Physics</i> , 2000, 27, 1881-1902.	1.6	204
8	Investigation of aortocoronary artery bypass grafts by multislice spiral computed tomography with electrocardiographic-gated image reconstruction. <i>American Journal of Cardiology</i> , 2001, 88, 792-795.	0.7	176
9	Assessment of calcium scoring performance in cardiac computed tomography. <i>European Radiology</i> , 2003, 13, 484-497.	2.3	163
10	Feasibility of Dose-reduced Chest CT with Photon-counting Detectors: Initial Results in Humans. <i>Radiology</i> , 2017, 285, 980-989.	3.6	129
11	Photon-Counting Computed Tomography for Vascular Imaging of the Head and Neck. <i>Investigative Radiology</i> , 2018, 53, 135-142.	3.5	122
12	Dose Efficiency of Quarter-Millimeter Photon-Counting Computed Tomography. <i>Investigative Radiology</i> , 2018, 53, 365-372.	3.5	97
13	Comparison of Image Quality in Contrast-enhanced Coronary-artery Visualization by Electron Beam Tomography and Retrospectively Electrocardiogram-gated Multislice Spiral Computed Tomography. <i>Investigative Radiology</i> , 2003, 38, 119-128.	3.5	95
14	Dual-contrast agent photon-counting computed tomography of the heart: initial experience. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1253-1261.	0.7	93
15	Photon-Counting CT of the Brain: In Vivo Human Results and Image-Quality Assessment. <i>American Journal of Neuroradiology</i> , 2017, 38, 2257-2263.	1.2	75
16	Coronary artery calcium scoring with photon-counting CT: first in vivo human experience. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 733-739.	0.7	57
17	Quarter-millimeter spectral coronary stent imaging with photon-counting CT: Initial experience. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 509-515.	0.7	54
18	Low-Dose Dual-Source CT Angiography With Iterative Reconstruction for Coronary Artery Stent Evaluation. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 458-465.	2.3	50

#	ARTICLE	IF	CITATIONS
19	Computed tomography with a full FOV photon-counting detector in a clinical setting, the first experience. <i>European Journal of Radiology</i> , 2021, 137, 109614.	1.2	42
20	Basic principles and clinical potential of photon-counting detector CT. <i>Chinese Journal of Academic Radiology</i> , 2020, 3, 19-34.	0.4	26