

# Karl Stierstorfer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4456904/publications.pdf>

Version: 2024-02-01

8  
papers

284  
citations

1684188

5  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Weighted FBP—a simple approximate 3D FBP algorithm for multislice spiral CT with good dose usage for arbitrary pitch. <i>Physics in Medicine and Biology</i> , 2004, 49, 2209-2218.	3.0	142
2	Spatio-energetic cross-talk in photon counting detectors: Numerical detector model (PcTK) and workflow for CT image quality assessment. <i>Medical Physics</i> , 2018, 45, 1985-1998.	3.0	51
3	Segmented multiple plane reconstruction: a novel approximate reconstruction scheme for multi-slice spiral CT. <i>Physics in Medicine and Biology</i> , 2002, 47, 2571-2581.	3.0	49
4	Model-based pulse pileup and charge sharing compensation for photon counting detectors: A simulation study. <i>Medical Physics</i> , 2022, 49, 5038-5051.	3.0	9
5	X-Ray Transmittance Modeling-Based Material Decomposition Using a Photon-Counting Detector CT System. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2021, 5, 508-516.	3.7	5
6	Beam-hardening corrections through a polychromatic projection model integrated to an iterative reconstruction algorithm. <i>NDT and E International</i> , 2022, 126, 102594.	3.7	3
7	Comparative evaluation of two analytical methods for Helical Cone-Beam Tomography. , 2007, , .		2
8	Deep learning-based extended field of view computed tomography image reconstruction: influence of network design on image estimation outside the scan field of view. <i>Biomedical Physics and Engineering Express</i> , 2022, 8, 025021.	1.2	2