

Karl Stierstorfer

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

284
citations

1684188
5
h-index

1588992
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g-index

9
all docs

9
docs citations

9
times ranked

222
citing authors

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