

# Hewei Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3174072/publications.pdf>

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11  
papers

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1684188  
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docs citations

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93  
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#	ARTICLE	IF	CITATIONS
1	Densely sampled spectral modulation for x-ray CT using a stationary modulator with flying focal spot: a conceptual and feasibility study of scatter and spectral correction. Medical Physics, 2021, 48, 1557-1570.	3.0	3
2	An analysis of scatter characteristics in x-ray CT spectral correction. Physics in Medicine and Biology, 2021, 66, 075003.	3.0	6
3	Fluence adaptation for contrast-based dose optimization in x-ray phase-contrast imaging. Medical Physics, 2021, 48, 6106-6120.	3.0	0
4	The trigonometric orthogonality of phase-stepping curves in grating-based x-ray phase-contrast imaging: Integral property and its implications for noise optimization. Medical Physics, 2020, 47, 1189-1198.	3.0	4
5	Fourier Properties of Symmetric-Geometry Computed Tomography and Its Linogram Reconstruction With Neural Network. IEEE Transactions on Medical Imaging, 2020, 39, 4445-4457.	8.9	7
6	A dual-domain deep learning-based reconstruction method for fully 3D sparse data helical CT. Physics in Medicine and Biology, 2020, 65, 245030.	3.0	28
7	Stationary computed tomography with source and detector in linear symmetric geometry: Direct filtered backprojection reconstruction. Medical Physics, 2020, 47, 2222-2236.	3.0	14
8	Physics-based spectral compensation algorithm for x-ray CT with primary modulator. Physics in Medicine and Biology, 2019, 64, 125006.	3.0	5
9	DualRes-UNet: Limited Angle Artifact Reduction for Computed Tomography. , 2019, , .		3
10	Straight-Line-Trajectory-Based X-Ray Tomographic Imaging for Security Inspections: System Design, Image Reconstruction and Preliminary Results. IEEE Transactions on Nuclear Science, 2013, 60, 3955-3968.	2.0	22
11	An Extrapolation Method for Image Reconstruction from a Straight-line Trajectory. , 2006, , .		11