William Karl

List of Publications by Year
in descending order

16	198	1937685	2272923
papers	citations	4	4
		h-index	g-index

16	16	16	261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fast Enhanced CT Metal Artifact Reduction Using Data Domain Deep Learning. IEEE Transactions on Computational Imaging, 2020, 6, 181-193.	4.4	77
2	High-Throughput, High-Resolution Interferometric Light Microscopy of Biological Nanoparticles. ACS Nano, 2020, 14, 2002-2013.	14.6	26
3	Multifrequency subsurface sensing in the presence of a moderately rough air-soil interface via quasi-ray Gaussian beams. Radio Science, 2002, 37, VIC 8-1-VIC 8-12.	1.6	22
4	Deep Learning-Based Sinogram Completion for Low-Dose CT. , 2018, , .		20
5	Data and Image Prior Integration for Image Reconstruction Using Consensus Equilibrium. IEEE Transactions on Computational Imaging, 2021, 7, 297-308.	4.4	13
6	Integrating Data and Image Domain Deep Learning for Limited Angle Tomography using Consensus Equilibrium. , 2019, , .		10
7	CNN based Sinogram Denoising for Low-Dose CT. , 2018, , .		8
8	Accurate model-based high resolution cardiac image reconstruction in dual source CT. , 2009, , .		7
9	Analysis and mitigation of calcium artifacts in cardiac multidetector CT. , 2008, , .		5
10	A learning-based approach to explosives detection using Multi-Energy X-Ray Computed Tomography. , 2011, , .		5
11	A variational approach for reconstructing low dose images in clinical helical CT. , 2010, , .		4
12	Sensing-aware classification with high-dimensional data. , 2011, , .		1
13	Quasi-ray Gaussian beam algorithms for subsurface sensing in the presence of a moderately rough air-soil interface. , 0, , .		0
14	Automated 3-D intraocular ultrasound detection of elevated intracranial pressure. , 2012, , .		0
15	Sensing-aware kernel SVM. , 2014, , .		0
16	Autoregression and Structured Low-Rank Modeling of Sinogram Neighborhoods. IEEE Transactions on Computational Imaging, 2021, 7, 1-1.	4.4	0