

JÃ¼rgen Friel

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Feature Reconstruction from Incomplete Tomographic Data without Detour. Mathematics, 2022, 10, 1318.	2.2	4
2	Research biography of a distinguished expert in the field of inverse problems: Professor Eric Todd Quinto. Journal of Inverse and Ill-Posed Problems, 2022, .	1.0	0
3	A new 3D model for magnetic particle imaging using realistic magnetic field topologies for algebraic reconstruction. Inverse Problems, 2020, 36, 124002.	2.0	8
4	Analyzing Reconstruction Artifacts from Arbitrary Incomplete X-ray CT Data. SIAM Journal on Imaging Sciences, 2018, 11, 2786-2814.	2.2	20
5	Reduction of variable-truncation artifacts from beam occlusion during <i>in situ</i> x-ray tomography. Measurement Science and Technology, 2017, 28, 124004.	2.6	6
6	Limited Data Problems for the Generalized Radon Transform in \mathbb{R}^n . SIAM Journal on Mathematical Analysis, 2016, 48, 2301-2318.	1.9	9
7	On artifacts in limited data spherical Radon transform: curved observation surface. Inverse Problems, 2016, 32, 015012.	2.0	10
8	Artifacts in Incomplete Data Tomography with Applications to Photoacoustic Tomography and Sonar. SIAM Journal on Applied Mathematics, 2015, 75, 703-725.	1.8	54
9	Joint image reconstruction and segmentation using the Potts model. Inverse Problems, 2015, 31, 025003.	2.0	88
10	X-ray computed tomography using curvelet sparse regularization. Medical Physics, 2015, 42, 1555-1565.	3.0	13
11	Sparse regularization in limited angle tomography. Applied and Computational Harmonic Analysis, 2013, 34, 117-141.	2.2	114
12	Characterization and reduction of artifacts in limited angle tomography. Inverse Problems, 2013, 29, 125007.	2.0	132
13	Short communication: Dimensionality reduction of curvelet sparse regularizations in limited angle tomography. Proceedings in Applied Mathematics and Mechanics, 2011, 11, 847-848.	0.2	1