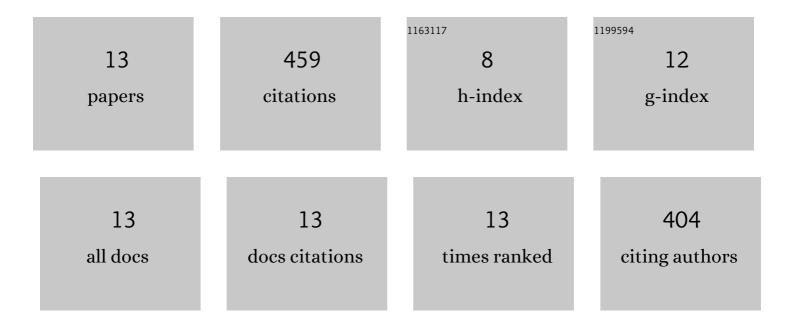
## Jürgen Frikel

List of Publications by Year in descending order

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| #  | 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<br>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.<br>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 | Xâ€ <b>r</b> ay 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         |