

# Zhiwei Qiao

## List of Publications by Year in descending order

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21  
papers

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citations

1307594

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1281871

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	3D pulse EPR imaging from sparse-view projections via constrained, total variation minimization. Journal of Magnetic Resonance, 2015, 258, 49-57.	2.1	21
2	Optimization-based image reconstruction from sparsely sampled data in electron paramagnetic resonance imaging. Journal of Magnetic Resonance, 2018, 294, 24-34.	2.1	16
3	Comparison of parabolic filtration methods for 3D filtered back projection in pulsed EPR imaging. Journal of Magnetic Resonance, 2014, 248, 42-53.	2.1	14
4	Nth-order linear algorithm for diffuse correlation tomography. Biomedical Optics Express, 2018, 9, 2365.	2.9	12
5	Optimization-Based Image Reconstruction From Fast-Scanned, Noisy Projections in EPR Imaging. IEEE Access, 2019, 7, 19590-19601.	4.2	12
6	Three novel accurate pixel-driven projection methods for 2D CT and 3D EPR imaging. Journal of X-Ray Science and Technology, 2018, 26, 83-102.	1.0	11
7	A Tensor Generalized Weighted Linear Predictor for FDA-MIMO Radar Parameter Estimation. IEEE Transactions on Vehicular Technology, 2022, 71, 6059-6072.	6.3	10
8	A balanced total-variation-Chambolle-Pock algorithm for EPR imaging. Journal of Magnetic Resonance, 2021, 328, 107009.	2.1	7
9	Improved Hough Transform and Total Variation Algorithms for Features Extraction of Wood. Forests, 2021, 12, 466.	2.1	6
10	Artifact Suppressed Nonlinear Diffusion Filtering for Low-Dose CT Image Processing. IEEE Access, 2019, 7, 109856-109869.	4.2	5
11	Real-time image reconstruction for pulse EPR oxygen imaging using a GPU and lookup table parameter fitting. Concepts in Magnetic Resonance Part B, 2015, 45, 46-57.	0.7	4
12	A TV-minimization image-reconstruction algorithm without system matrix. Journal of X-Ray Science and Technology, 2021, 29, 1-15.	1.0	4
13	Comparison of TVcDM and DDcTV algorithms in image reconstruction. Inverse Problems in Science and Engineering, 2020, 28, 839-858.	1.2	3
14	Implementation of GPU-accelerated back projection for EPR imaging. Journal of X-Ray Science and Technology, 2015, 23, 423-433.	1.0	2
15	Investigation of the preconditioner-parameter in the preconditioned Chambolle-Pock algorithm applied to optimization-based image reconstruction. Journal of X-Ray Science and Technology, 2018, 26, 435-448.	1.0	2
16	A Doubly Constrained TV Algorithm for Image Reconstruction. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	2
17	A simple and fast ASD-POCS algorithm for image reconstruction. Journal of X-Ray Science and Technology, 2021, 29, 1-16.	1.0	2
18	Simplified Katsevich algorithm motivated by the distribution properties of k-lines. Journal of Electronic Imaging, 2013, 22, 043002.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Non-convex optimization based optimal bone correction for various beam-hardening artifacts in CT imaging. Journal of X-Ray Science and Technology, 2022, , 1-18.	1.0	1
20	The integrated acceleration of the Chambolle-Pock algorithm applied to constrained TV minimization in CT image reconstruction. Inverse Problems in Science and Engineering, 2019, 27, 237-254.	1.2	0
21	Z-range Extension of Volume Imaged with Clinical C-arm Computed Tomography from A Single Rotation Helical Cone-beam Scan. , 2019, , .		0