

K Aditya Mohan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

336
citations

1307543

7
h-index

1372553

10
g-index

18
all docs

18
docs citations

18
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	The Three-Dimensional Morphology of Growing Dendrites. Scientific Reports, 2015, 5, 11824.	3.3	92
2	TIMBIR: A Method for Time-Space Reconstruction From Interlaced Views. IEEE Transactions on Computational Imaging, 2015, 1, 96-111.	4.4	80
3	Lose the Views: Limited Angle CT Reconstruction via Implicit Sinogram Completion. , 2018, , .		48
4	Model-based iterative reconstruction for synchrotron X-ray tomography. , 2014, , .		23
5	Method for system-independent material characterization from spectral X-ray CT. NDT and E International, 2019, 107, 102136.	3.7	15
6	Dynamic CT Reconstruction from Limited Views with Implicit Neural Representations and Parametric Motion Fields. , 2021, , .		14
7	3D reconstruction of the magnetic vector potential using model based iterative reconstruction. Ultramicroscopy, 2017, 182, 131-144.	1.9	12
8	SABER: A Systems Approach to Blur Estimation and Reduction in X-Ray Imaging. IEEE Transactions on Image Processing, 2020, 29, 7751-7764.	9.8	11
9	Making Advanced Scientific Algorithms and Big Scientific Data Management More Accessible. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-7.	0.4	7
10	Fast voxel line update for time-space image reconstruction. , 2016, , .		7
11	Algorithm-Driven Advances for Scientific CT Instruments: From model-based to deep learning-based approaches. IEEE Signal Processing Magazine, 2022, 39, 32-43.	5.6	7
12	4D model-based iterative reconstruction from interlaced views. , 2015, , .		5
13	A Systems Approach to Estimating the Uncertainty Limits of X-Ray Radiographic Metrology. Journal of Micro and Nano-Manufacturing, 2021, 9, .	0.7	5
14	Direct model-based tomographic reconstruction of the complex refractive index. , 2016, , .		3
15	Model-Based Iterative Reconstruction of Magnetization Using Vector Field Electron Tomography. IEEE Transactions on Computational Imaging, 2018, 4, 432-446.	4.4	3
16	Iterative Reconstruction of the Magnetization and Charge Density using Vector Field Electron Tomography. Microscopy and Microanalysis, 2016, 22, 1686-1687.	0.4	2
17	Design of 4D X-ray tomography experiments for reconstruction using regularized iterative algorithms. , 2017, , .		2
18	Cooperative sequential binary hypothesis testing using cyclostationary features. , 2010, , .		0