

# Marta M Betscke

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

534  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-Based Learning for Accelerated, Limited-View 3-D Photoacoustic Tomography. IEEE Transactions on Medical Imaging, 2018, 37, 1382-1393.	8.9	212
2	Accelerated high-resolution photoacoustic tomography via compressed sensing. Physics in Medicine and Biology, 2016, 61, 8908-8940.	3.0	112
3	On the adjoint operator in photoacoustic tomography. Inverse Problems, 2016, 32, 115012.	2.0	79
4	Single-pixel optical camera for video rate ultrasonic imaging. Optica, 2016, 3, 26.	9.3	66
5	Acoustic Wave Field Reconstruction From Compressed Measurements With Application in Photoacoustic Tomography. IEEE Transactions on Computational Imaging, 2017, 3, 710-721.	4.4	22
6	Single-pixel camera photoacoustic tomography. Journal of Biomedical Optics, 2019, 24, 1.	2.6	16
7	Approximate k-Space Models and Deep Learning for Fast Photoacoustic Reconstruction. Lecture Notes in Computer Science, 2018, , 103-111.	1.3	12
8	Choose Your Path Wisely: Gradient Descent in a Bregman Distance Framework. SIAM Journal on Imaging Sciences, 2021, 14, 814-843.	2.2	6
9	Restarting iterative projection methods for Hermitian nonlinear eigenvalue problems with minmax property. Numerische Mathematik, 2017, 135, 397-430.	1.9	4
10	Photoacoustic Reconstruction Using Sparsity in Curvelet Frame: Image Versus Data Domain. IEEE Transactions on Computational Imaging, 2021, 7, 879-893.	4.4	3
11	Analysis And Efficient Solution Of Stationary Schrödinger Equation Governing Electronic States Of Quantum Dots And Rings In Magnetic Field. Communications in Computational Physics, 2012, 11, 1591-1617.	1.7	2