

# K M Shihab Uddin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5269269/publications.pdf>

Version: 2024-02-01

17  
papers

167  
citations

1163117

8  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact ultrasound-guided diffuse optical tomography system for breast cancer imaging. Journal of Biomedical Optics, 2018, 24, 1.	2.6	46
2	Two step imaging reconstruction using truncated pseudoinverse as a preliminary estimate in ultrasound guided diffuse optical tomography. Biomedical Optics Express, 2017, 8, 5437.	2.9	21
3	Assessing Rectal Cancer Treatment Response Using Coregistered Endorectal Photoacoustic and US Imaging Paired with Deep Learning. Radiology, 2021, 299, 349-358.	7.3	17
4	Role of blood oxygenation saturation in ovarian cancer diagnosis using multi-spectral photoacoustic tomography. Journal of Biophotonics, 2021, 14, e202000368.	2.3	16
5	Reducing image artifact in diffuse optical tomography by iterative perturbation correction based on multiwavelength measurements. Journal of Biomedical Optics, 2019, 24, 1.	2.6	13
6	Optimal breast cancer diagnostic strategy using combined ultrasound and diffuse optical tomography. Biomedical Optics Express, 2020, 11, 2722.	2.9	13
7	Improving DOT reconstruction with a Born iterative method and US-guided sparse regularization. Biomedical Optics Express, 2019, 10, 2528.	2.9	10
8	Diffuse optical tomography using semiautomated coregistered ultrasound measurements. Journal of Biomedical Optics, 2017, 22, 1.	2.6	9
9	Early Assessment Window for Predicting Breast Cancer Neoadjuvant Therapy using Biomarkers, Ultrasound, and Diffuse Optical Tomography. Breast Cancer Research and Treatment, 2021, 188, 615-630.	2.5	8
10	Target depth-regularized reconstruction in diffuse optical tomography using ultrasound segmentation as prior information. Biomedical Optics Express, 2020, 11, 3331.	2.9	6
11	Effect and correction of optode coupling errors in breast imaging using diffuse optical tomography. Biomedical Optics Express, 2021, 12, 689.	2.9	3
12	Low-cost ultrasound and optical gelatin-based phantoms. , 2019, , .		3
13	Improved Two Step Reconstruction Method in Ultrasound Guided Diffuse Optical Tomography. , 2018, , .		1
14	Shape based reconstruction using ultrasound segmentation as prior in ultrasound-guided diffuse optical tomography. , 2020, , .		1
15	Local outlier factor based iterative outlier removal to reduce image artifacts in ultrasound guided diffuse optical tomography (Conference Presentation). , 2019, , .		0
16	Improved Breast Cancer Diagnosis using Ultrasound guided Diffuse Optical Tomography. , 2020, , .		0
17	Effect of Breast Contour and Optode Coupling Error on Ultrasound-guided Diffuse Optical Tomography. , 2020, , .		0