

# K M Shihab Uddin

## List of Publications by Year in descending order

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17  
papers

167  
citations

1163117

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1281871

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18  
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18  
docs citations

18  
times ranked

139  
citing authors

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