

# Berkan Lafci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/185090/publications.pdf>

Version: 2024-02-01

8  
papers

151  
citations

1478505

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1720034

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docs citations

8  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cost-Effective, Microstrip Antenna Driven Ring Resonator Microwave Biosensor for Biospecific Detection of Glucose. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 404-409.	2.9	48
2	Deep Learning for Automatic Segmentation of Hybrid Optoacoustic Ultrasound (OPUS) Images. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 688-696.	3.0	32
3	A Microwave Ring Resonator Based Glucose Sensor. Procedia Engineering, 2016, 168, 465-468.	1.2	28
4	Noninvasive multiparametric characterization of mammary tumors with transmission-reflection optoacoustic ultrasound. Neoplasia, 2020, 22, 770-777.	5.3	19
5	Hemodynamic response to sensory stimulation in mice: Comparison between functional ultrasound and optoacoustic imaging. NeuroImage, 2021, 237, 118111.	4.2	12
6	Deep learning of image- and time-domain data enhances the visibility of structures in optoacoustic tomography. Optics Letters, 2021, 46, 3029.	3.3	9
7	Preoperative Mapping of Lymphatic Vessels by Multispectral Optoacoustic Tomography. Lymphatic Research and Biology, 2022, 20, 659-664.	1.1	3
8	Learning-based enhancement of limited-view optoacoustic tomography based on image- and time-domain data. , 2022, , .		0