

Guang Yang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

119
citations

1477746

6
h-index

1372195

10
g-index

15
all docs

15
docs citations

15
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of blood oxygenation saturation in ovarian cancer diagnosis using multi-spectral photoacoustic tomography. <i>Journal of Biophotonics</i> , 2021, 14, e202000368.	1.1	16
2	Photoacoustic tomography reconstruction using lag-based delay multiply and sum with a coherence factor improves in vivo ovarian cancer diagnosis. <i>Biomedical Optics Express</i> , 2021, 12, 2250.	1.5	8
3	Fiber endface photoacoustic generator for quantitative photoacoustic tomography. <i>Optics Letters</i> , 2021, 46, 2706.	1.7	2
4	Assessing Rectal Cancer Treatment Response Using Coregistered Endorectal Photoacoustic and US Imaging Paired with Deep Learning. <i>Radiology</i> , 2021, 299, 349-358.	3.6	17
5	Photoacoustic laser effects in live mouse blastocysts: pilot safety studies of DNA damage from photoacoustic imaging doses. <i>F&S Science</i> , 2020, 1, 53-58.	0.5	3
6	Fiber endface illumination diffuser for endo-cavity photoacoustic imaging. <i>Optics Letters</i> , 2020, 45, 632.	1.7	6
7	Optimized light delivery probe using ball lenses for co-registered photoacoustic and ultrasound endo-cavity subsurface imaging. <i>Photoacoustics</i> , 2019, 13, 66-75.	4.4	21
8	Co-registered photoacoustic and ultrasound imaging of human colorectal cancer. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	13
9	Classification of human ovarian cancer using functional, spectral, and imaging features obtained from in vivo photoacoustic imaging. <i>Biomedical Optics Express</i> , 2019, 10, 2303.	1.5	26
10	Co-registered photoacoustic and ultrasound real-time imaging of colorectal cancer: ex-vivo studies. , 2019, , .		0
11	Optimizing light delivery through ball-shaped multimode fiber tips in co-registered photoacoustic and ultrasound endo-cavity imaging: simulation and experimental validation. , 2019, , .		0
12	Low-cost ultrasound and optical gelatin-based phantoms. , 2019, , .		3
13	A novel method and system for stereotactic surgical procedures. , 2017, , .		1
14	Rapid, on-site detection of residual explosives based on a lab-in-a-capillary and UV fiber sensor. <i>Analytical Methods</i> , 2014, 6, 9628-9633.	1.3	3