

Timothy Sowers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2056496/publications.pdf>

Version: 2024-02-01

7
papers

45
citations

1937685

4
h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Exogenous imaging contrast and therapeutic agents for intravascular photoacoustic imaging and image-guided therapy. <i>Physics in Medicine and Biology</i> , 2018, 63, 22TR01.	3.0	16
2	Investigation of light delivery geometries for photoacoustic applications using Monte Carlo simulations with multiple wavelengths, tissue types, and species characteristics. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	14
3	Optimization of dual-wavelength intravascular photoacoustic imaging of atherosclerotic plaques using Monte Carlo optical modeling. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	7
4	Laser threshold and cell damage mechanism for intravascular photoacoustic imaging. <i>Lasers in Surgery and Medicine</i> , 2019, 51, 466-474.	2.1	4
5	In vivo safety study using radiation at wavelengths and dosages relevant to intravascular imaging. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	4
6	Notice of Removal: Optimization of dual wavelength IVPA imaging for accurate detection of lipid in atherosclerotic plaques. , 2017, , .		0
7	Notice of Removal: Determining the laser damage threshold of tissues for the design of a clinical IVPA imaging protocol. , 2017, , .		0