

Hisham Assi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

58
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact second-order time-domain perfectly matched layer formulation for elastic wave propagation in two dimensions. <i>Mathematics and Mechanics of Solids</i> , 2017, 22, 20-37.	2.4	15
2	A perfectly matched layer formulation for modeling transient wave propagation in an unbounded fluid–solid medium. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 1528-1536.	1.1	11
3	Fluence-matching technique using photoacoustic radiofrequency spectra for improving estimates of oxygen saturation. <i>Photoacoustics</i> , 2020, 19, 100182.	7.8	11
4	Noninvasive calibrated tissue temperature estimation using backscattered energy of acoustic harmonics. <i>Ultrasonics</i> , 2021, 114, 106406.	3.9	10
5	Real-Time Control of Nanoparticle-Mediated Thermal Therapy Using Photoacoustic Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2188-2194.	4.2	7
6	A second-order, perfectly matched layer formulation to model 3D transient wave propagation in anisotropic elastic media. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	2
7	A new thermal dose model based on Vogel-Tammann-Fulcher behaviour in thermal damage processes. <i>International Journal of Hyperthermia</i> , 2022, 39, 697-705.	2.5	2
8	Simulation of Acoustic Propagation in 3D Viscoelastic Inhomogeneous Media with Application to Medical Shear Wave Elastography. <i>Journal of Theoretical and Computational Acoustics</i> , 2019, 27, 1950003.	1.1	0