

Anup Paul

List of Publications by Year in descending order

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115
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-Assisted Multilayered Photothermal Therapy Concerning Countercurrent Blood Flow: A Numerical Study. Lecture Notes in Mechanical Engineering, 2022, , 85-97.	0.3	0
2	Pulsed Ultrasound Assisted Thermo-Therapy for Subsurface Tumor Ablation: A Numerical Investigation. Journal of Thermal Science and Engineering Applications, 2021, 13, .	0.8	4
3	Thermo-mechanical assessment of nanoparticle mixed vascular tissues under pulsed ultrasound and laser heating. International Journal of Thermal Sciences, 2021, 163, 106815.	2.6	7
4	Thermal Response of Dielectric Nanoparticle-Infused Tissue Phantoms During Microwave-Assisted Hyperthermia. Journal of Thermal Science and Engineering Applications, 2021, 13, .	0.8	2
5	Thermomechanical analysis of a triple layered skin structure in presence of nanoparticle embedding multi-level blood vessels. International Journal of Heat and Mass Transfer, 2020, 148, 119076.	2.5	10
6	In-Vitro Thermal Assessment of Vascularized Tissue Phantom in Presence of Gold Nanorods During Photo-Thermal Therapy. Journal of Heat Transfer, 2020, , .	1.2	6
7	Computational study of photo-thermal ablation of large blood vessel embedded tumor using localized injection of gold nanoshells. Journal of Thermal Biology, 2018, 78, 329-342.	1.1	13
8	Subsurface thermal behaviour of tissue mimics embedded with large blood vessels during plasmonic photo-thermal therapy. International Journal of Hyperthermia, 2016, 32, 765-777.	1.1	5
9	Investigation of thermal damage of tissues embedded with large blood vessels during plasmonic photo-thermal heating (PPTH). International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 461-476.	1.6	7
10	Analytical prediction of sub-surface thermal history in translucent tissue phantoms during plasmonic photo-thermotherapy (PPTT). Journal of Thermal Biology, 2016, 62, 143-149.	1.1	8
11	Temperature evolution in tissues embedded with large blood vessels during photo-thermal heating. Journal of Thermal Biology, 2014, 41, 77-87.	1.1	64
12	Subsurface Tumor Ablation with Near-infrared Radiation using Intratumoral and Intravenous Injection of Nanoparticles. International Journal of Micro-nano Scale Transport, 2014, 5, 69-80.	0.2	3
13	Tumor Ablation with Near-Infrared Radiation Using Localized Injection of Nanoparticles. , 2014, , .		2