

Manpreet Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8203025/publications.pdf>

Version: 2024-02-01

6
papers

111
citations

1684188

5
h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

26
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-operative Assessment of Ablation Margins for Variable Blood Perfusion Metrics in a Magnetic Resonance Imaging Based Complex Breast Tumour Anatomy: Simulation Paradigms in Thermal Therapies. Computer Methods and Programs in Biomedicine, 2021, 198, 105781.	4.7	34
2	Quantitative evaluation of effects of coupled temperature elevation, thermal damage, and enlarged porosity on nanoparticle migration in tumors during magnetic nanoparticle hyperthermia. International Communications in Heat and Mass Transfer, 2021, 126, 105393.	5.6	27
3	Heating Protocol Design Affected by Nanoparticle Redistribution and Thermal Damage Model in Magnetic Nanoparticle Hyperthermia for Cancer Treatment. Journal of Heat Transfer, 2020, 142, .	2.1	21
4	Incorporating vascular-stasis based blood perfusion to evaluate the thermal signatures of cell-death using modified Arrhenius equation with regeneration of living tissues during nanoparticle-assisted thermal therapy. International Communications in Heat and Mass Transfer, 2022, 135, 106046.	5.6	15
5	Theoretical evaluation of enhanced gold nanoparticle delivery to PC3 tumors due to increased hydraulic conductivity or recovered lymphatic function after mild whole body hyperthermia. Medical and Biological Engineering and Computing, 2021, 59, 301-313.	2.8	12
6	Temperature Distribution and Thermal Dosage Affected by Nanoparticle Distribution in Tumours During Magnetic Nanoparticle Hyperthermia. , 2019, , .		0