

Mamta Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

100
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite Element Model to Study the Effect of Lipoma and Liposarcoma on Heat Flow in Tissue Layers of Human Limbs. Lecture Notes in Mechanical Engineering, 2019, , 241-247.	0.4	0
2	Finite element model to study temperature distribution in skin and deep tissues of human limbs. Journal of Thermal Biology, 2016, 62, 98-105.	2.5	19
3	Finite element model to study the thermal effect of tumors in dermal regions of irregular tapered shaped human limbs. International Journal of Thermal Sciences, 2015, 98, 287-295.	4.9	14
4	Steady state temperature distribution in dermal regions of an irregular tapered shaped human limb with variable eccentricity. Journal of Thermal Biology, 2014, 44, 27-34.	2.5	13
5	FINITE ELEMENT MODEL TO STUDY THERMAL EFFECT OF UNIFORMLY PERFUSED TUMOR IN DERMAL LAYERS OF ELLIPTICAL SHAPED HUMAN LIMB. International Journal of Biomathematics, 2011, 04, 241-254.	2.9	18
6	Three dimensional finite element model to study heat flow in dermal regions of elliptical and tapered shape human limbs. Applied Mathematics and Computation, 2010, 217, 4129-4140.	2.2	19
7	SEMINUMERICAL MODEL TO STUDY TEMPERATURE DISTRIBUTION IN PERIPHERAL LAYERS OF ELLIPTICAL AND TAPERED SHAPED HUMAN LIMBS. Journal of Mechanics in Medicine and Biology, 2010, 10, 57-72.	0.7	17