Mamta Agrawal

List of Publications by Year
in descending order

7	100	1478505	1872680
papers	citations	6	6
		h-index	g-index

7	7	7	32
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
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 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
4	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
5	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
6	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
7	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