

Xiaoya Li

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical study of transient thermo-mechanical responses of dual-layer skin tissue with variable thermal material properties. International Journal of Thermal Sciences, 2018, 124, 459-466.	2.6	55
2	A modified fractional order generalized bio-thermoelastic theory with temperature-dependent thermal material properties. International Journal of Thermal Sciences, 2018, 132, 249-256.	2.6	53
3	Investigation of transient thermo-mechanical responses on the triple-layered skin tissue with temperature dependent blood perfusion rate. International Journal of Thermal Sciences, 2019, 139, 339-349.	2.6	29
4	Thermo-viscoelastic analysis of biological tissue during hyperthermia treatment. Applied Mathematical Modelling, 2020, 79, 881-895.	2.2	26
5	Fractional order thermo-viscoelastic theory of biological tissue with dual phase lag heat conduction model. Applied Mathematical Modelling, 2021, 95, 612-622.	2.2	16
6	Relationship Between the Nonlocal Effect and Lagging Behavior in Bioheat Transfer. Journal of Heat Transfer, 2021, 143, .	1.2	13
7	The phase change thermoelastic analysis of biological tissue with variable thermal properties during cryosurgery. Journal of Thermal Stresses, 2020, 43, 998-1016.	1.1	10
8	Thermomechanical response of porous biological tissue based on local thermal non-equilibrium. Journal of Thermal Stresses, 2019, 42, 1481-1498.	1.1	9
9	The thermal injury analysis of skin tissue with a new nonlocal dual phase lag model. Waves in Random and Complex Media, 0, , 1-14.	1.6	2