Muhammad Sabeel Khan

List of Publications by Year
in descending order

16 papers	71 citations	1937685 4 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	97 citing authors

#	Article	IF	Citations
1	Heat transfer enhancement of automobile radiator using H2O–CuO nanofluid. AIP Advances, 2017, 7, .	1.3	22
2	Investigation of MHD effects and heat transfer for the upper-convected Maxwell (UCM-M) micropolar fluid with Joule heating and thermal radiation using a hyperbolic heat flux equation. European Physical Journal Plus, 2017, 132, 1.	2.6	18
3	A novel numerical algorithm based on Galerkin–Petrov time-discretization method for solving chaotic nonlinear dynamical systems. Nonlinear Dynamics, 2018, 91, 1555-1569.	5.2	6
4	Modeling of Microstructures in a Cosserat Continuum Using Relaxed Energies. Springer INdAM Series, 2018, , 103-125.	0.5	6
5	A non-Fourier approach towards the analysis of heat transfer enhancement with water based nanofluids through a channel. AIP Advances, 2018, 8, .	1.3	5
6	Numerical computation of heat transfer enhancement through Cosserat hybrid nanofluids using continuous Galerkin–Petrov method. European Physical Journal Plus, 2020, 135, 1.	2.6	4
7	Nonlinear Vibration Analysis of Euler-Bernoulli Beams by Using Continuous Galerkin-Petrov Time-Discretization Method. Latin American Journal of Solids and Structures, 2017, 14, 1695-1709.	1.0	3
8	Chemical reaction, thermal relaxation time and internal material parameter effects on MHD viscoelastic fluid with internal structure using the Cattaneo-Christov heat flux equation. European Physical Journal Plus, 2017, 132, 1.	2.6	2
9	Prediction of microstructure in a Cosserat continuum using relaxed energies. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 265-266.	0.2	1
10	A constitutive model for granular materials with microstructures using the concept of energy relaxation. Proceedings in Applied Mathematics and Mechanics, 2013, 13, 187-188.	0.2	1
11	A variational numerical method based on finite elements for the nonlinear solution characteristics of the periodically forced Chen system. European Physical Journal Plus, 2017, 132, 1.	2.6	1
12	Linear stability characteristics of the pressure-gradient driven flow confined in concentric cylinders with the rotation of outer cylinder and translation of inner cylinder. AIP Advances, 2019, 9, .	1.3	1
13	Investigation of Relaxation Time on Viscoelastic Two-Dimensional Flow Characteristics Using FreeFem++. Journal of Mathematics, 2022, 2022, 1-15.	1.0	1
14	Martensitic detwinning microstructures in crystalline materials - mechanical modeling with exact computation of relaxed energy: A time incremental formulation. AIP Advances, 2019, 9, 065012.	1.3	0
15	On the observation of extended microstructures and localized deformations in granular materials - A feature of excat quasi-convex energy envelope. Latin American Journal of Solids and Structures, 2019, 16, .	1.0	0
16	Analytical results for the equilibrium configurations of a three-phase elastic material. AIP Advances, 2019, 9, .	1.3	0