

Mojtaba Haghgoo

List of Publications by Year in descending order

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9
papers

162
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of nanoparticle conglomeration on the overall conductivity of nanocomposites. International Journal of Engineering Science, 2020, 157, 103392.	5.0	48
2	Predicting effective electrical resistivity and conductivity of carbon nanotube/carbon black-filled polymer matrix hybrid nanocomposites. Journal of Physics and Chemistry of Solids, 2022, 161, 110444.	4.0	33
3	Effective elastoplastic properties of carbon nanotube-reinforced aluminum nanocomposites considering the residual stresses. Journal of Alloys and Compounds, 2018, 752, 476-488.	5.5	26
4	A novel temperature-dependent percolation model for the electrical conductivity and piezoresistive sensitivity of carbon nanotube-filled nanocomposites. Acta Materialia, 2022, 230, 117870.	7.9	22
5	3D numerical investigation of the detonation wave propagation influence on the triangular plate deformation using finite rate chemistry model of LS-DYNA CESE method. International Journal of Impact Engineering, 2022, 161, 104108.	5.0	17
6	2D numerical study on the deflection of thin steel plate subjected to gaseous detonation wave interaction. International Journal of Hydrogen Energy, 2021, 46, 36348-36368.	7.1	10
7	Numerical simulation of the influence of confined multi-point ignited H ₂ O ₂ mixture on the propagation of shock waves towards a deformable plate. International Journal of Hydrogen Energy, 2022, , .	7.1	4
8	Dynamic response of thin triangular plates under gaseous detonation loading. Materials Today Communications, 2022, 31, 103423.	1.9	2
9	Experimental and empirical study of large transverse deformation of triangular plates subjected to water hammer shock loading. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 2498-2509.	1.1	0