

Mojtaba Haghgoo

List of Publications by Year in descending order

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Version: 2024-02-01

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