

Dayou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2881357/publications.pdf>

Version: 2024-02-01

9
papers

127
citations

1478505
6
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Ballistic strain-rate-dependent material modelling of glass-fibre woven composite based on the prediction of a meso-heterogeneous approach. <i>Composite Structures</i> , 2019, 216, 187-200.	5.8	35
2	An experimental and numerical investigation of highly strong and tough epoxy based nanocomposite by addition of MWCNTs: Tensile and mode I fracture tests. <i>Composite Structures</i> , 2020, 252, 112692.	5.8	25
3	Numerical study of static and dynamic fracture behaviours of neat epoxy resin. <i>Mechanics of Materials</i> , 2020, 140, 103214.	3.2	18
4	An investigation into mechanical properties of the nanocomposite with aligned CNT by means of electrical conductivity. <i>Composites Science and Technology</i> , 2020, 188, 107993.	7.8	15
5	Multiscale modelling approach for simulating low velocity impact tests of aramid-epoxy composite with nanofillers. <i>European Journal of Mechanics, A/Solids</i> , 2021, 90, 104286.	3.7	15
6	Effect of fibre bundle uncertainty on the tensile and shear behaviour of plain-woven composites. <i>Composite Structures</i> , 2021, 259, 113440.	5.8	10
7	A cohesive-based method to bridge the strain rate effect and defects of RTM-6 epoxy resin under tensile loading. <i>Procedia Structural Integrity</i> , 2020, 28, 1193-1203.	0.8	6
8	The effect of mesh morphologies on the mesoscale Finite Element modelling of woven composites. <i>Procedia Structural Integrity</i> , 2019, 24, 80-90.	0.8	3
9	Analysis of mesoscale modelling strategies for woven composites. <i>Material Design and Processing Communications</i> , 2021, 3, e145.	0.9	0