

Zia Javanbakht

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

193
citations

1478280

6
h-index

1372474

10
g-index

19
all docs

19
docs citations

19
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-cost fabrication of high-performance composite structures using external compaction pressure. <i>Materials Science and Technology</i> , 2022, 38, 1459-1466.	0.8	4
2	Effect of geometrical variations on the failure mechanisms of perforated steel plate shear Wallsâ€™a parametric study towards a new design. <i>Thin-Walled Structures</i> , 2021, 159, 107244.	2.7	5
3	Hollow Sectionsâ€™How to Make Composite Tubes. <i>Advanced Structured Materials</i> , 2021, , 105-134.	0.3	0
4	On the deformation mechanism of re-entrant honeycomb auxetics under inclined static loads. <i>Materials Letters</i> , 2021, 286, 129214.	1.3	15
5	On the inclined static loading of honeycomb re-entrant auxetics. <i>Composite Structures</i> , 2021, 273, 114289.	3.1	19
6	Finite element analysis of natural fiber composites using a self-updating model. <i>Journal of Composite Materials</i> , 2020, 54, 3275-3286.	1.2	16
7	An element-wise scheme to analyse local mechanical anisotropy in fibre-reinforced composites. <i>Materials Science and Technology</i> , 2020, 36, 1178-1190.	0.8	7
8	Adjusting the Plastic Zone Development in Steel Plate Shear Wallsâ€™A Finite Element Study. <i>Advanced Structured Materials</i> , 2020, , 337-348.	0.3	1
9	On thermal strains and residual stresses in the linear theory of antiâ€™sandwiches. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2019, 99, e201900062.	0.9	7
10	The influence of postâ€™heat treatments on the tensile strength and surface hardness of selectively laserâ€™melted AISi10Mg. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2019, 50, 546-552.	0.5	12
11	Effective Thermal Conductivity of Fiber Reinforced Composites Under Orientation Clustering. <i>Advanced Structured Materials</i> , 2019, , 507-519.	0.3	7
12	Computational Evaluation of Transverse Thermal Conductivity of Natural Fiber Composites. <i>Advanced Structured Materials</i> , 2018, , 197-206.	0.3	5
13	Computational Statics Revision Course. , 2018, , .		24
14	Advanced Finite Element Simulation with MSC Marc. , 2017, , .		44
15	The effect of substrate bonding on characterization of thin elastic layers: A finite element study. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2017, 48, 456-462.	0.5	7
16	Automatized Estimation of the Effective Thermal Conductivity of Carbon Fiber Reinforced Composite Materials. <i>Defect and Diffusion Forum</i> , 0, 370, 177-183.	0.4	10
17	Finite Element Evaluation of Effective Thermal Conductivity of Short Carbon Nano Tubes: A Comparative Study. <i>Defect and Diffusion Forum</i> , 0, 372, 208-214.	0.4	5
18	The Effect of Partitioning on the Clustering Index of Randomly-Oriented Fiber Composites: A Parametric Study. <i>Defect and Diffusion Forum</i> , 0, 380, 232-241.	0.4	4