

Akshat Agha

List of Publications by Year in descending order

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7
papers

61
citations

1684188
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7
all docs

7
docs citations

7
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoforming process effects on structural performance of carbon fiber reinforced thermoplastic composite parts through a manufacturing to response pathway. <i>Composites Part B: Engineering</i> , 2022, 235, 109728.	12.0	18
2	Wrinkling suppression in thin membranes using designed geometrical features. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 10163-10174.	2.1	4
3	Numerical implementation and validation of a viscoelastic-plastic material model for predicting curing induced residual stresses in adhesive bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2022, 118, 103195.	2.9	3
4	Experimental methods to capture curing induced effects in adhesive bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2021, 104, 102735.	2.9	13
5	Viscoelastic model to capture residual stresses in heat cured dissimilar adhesive bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2021, 107, 102844.	2.9	10
6	Effect of hardening law and process parameters on finite element simulation of single point incremental forming (SPIF) of 7075 aluminum alloy sheet. <i>Mechanics and Industry</i> , 2020, 21, 302.	1.3	6
7	Particle sliding on a turntable in the presence of friction. <i>American Journal of Physics</i> , 2015, 83, 126-132.	0.7	7