

Lekhani Tripathi

List of Publications by Year in descending order

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9
papers

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citations

1163117

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9
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citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Textile-based natural fibre-reinforced polymeric composites in automotive lightweighting. Journal of Materials Science, 2021, 56, 18867-18910.	3.7	34
2	Review: 3D woven honeycomb composites. Journal of Materials Science, 2021, 56, 15609-15652.	3.7	27
3	An experimental investigation into the mechanical behaviour of 3D woven fabrics for structural composites. Fibers and Polymers, 2014, 15, 1950-1955.	2.1	22
4	Modelling the geometry of the unit cell of woven fabrics with integrated stiffener sections. Journal of the Textile Institute, 2017, 108, 2006-2012.	1.9	18
5	Modeling and simulation of impact behavior of 3D woven solid structure for ballistic application. Journal of Industrial Textiles, 2022, 51, 6065S-6086S.	2.4	17
6	Impact behavior of long glass fibre reinforced aluminum metal matrix composite prepared by friction stir processing technique for automotive. Journal of Composite Materials, 2022, 56, 2157-2167.	2.4	15
7	Geometrical modeling of 3D woven honeycomb fabric for manufacturing of lightweight sandwich composite material. Journal of Industrial Textiles, 2022, 51, 4372S-4389S.	2.4	14
8	Modelling and Simulation of Compression Behaviour of 3D Woven Hollow Composite Structures Using FEM Analysis. Textile & Leather Review, 2020, 3, 6-18.	1.0	10
9	Prediction of internal geometry and tensile behavior of 3D woven solid structures by mathematical coding. Journal of Industrial Textiles, 2022, 51, 7034S-7055S.	2.4	6