

Krishna Shankar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

185
citations

1478505

6
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration-based delamination detection in composite beams through frequency changes. JVC/Journal of Vibration and Control, 2016, 22, 496-512.	2.6	56
2	A review of the design and analysis of reinforced thermoplastic pipes for offshore applications. Journal of Reinforced Plastics and Composites, 2017, 36, 1514-1530.	3.1	35
3	Effects of fabric folding and thickness on the impact behaviour of multi-ply UHMWPE woven fabrics. Journal of Materials Science, 2017, 52, 13977-13991.	3.7	28
4	Tensile properties of ultra-high-molecular-weight polyethylene single yarns at different strain rates. Journal of Composite Materials, 2020, 54, 1453-1466.	2.4	16
5	Dynamic failure behavior of steel wire mesh subjected to medium velocity impact: Experiments and simulations. International Journal of Mechanical Sciences, 2022, 216, 106991.	6.7	13
6	Surrogate-assisted optimisation design of composite riser. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2016, 230, 18-34.	1.1	9
7	Characterization of Shear Behavior in Stainless Steel Wire Mesh Using Bias-Extension and Picture Frame Tests. Journal of Engineering Mechanics - ASCE, 2020, 146, 04019127.	2.9	6
8	Uniaxial Compressive Behavior of AA5083/SiC Co-Continuous Ceramic Composite Fabricated by Gas Pressure Infiltration for Armour Applications. Journal of Composites Science, 2022, 6, 36.	3.0	6
9	Homogenized shell element-based modeling of low-velocity impact response of stainless-steel wire mesh. Mechanics of Advanced Materials and Structures, 2020, , 1-16.	2.6	4
10	Numerical modelling of foam-core sandwich panels with nano-reinforced composite facesheets. Journal of Sandwich Structures and Materials, 2021, 23, 1166-1191.	3.5	4
11	In-plane shear behavior of corrugated cellular solids and validation of an open-cell corrugated cellular solid. International Journal of Precision Engineering and Manufacturing, 2013, 14, 1767-1774.	2.2	3
12	Finite element simulation of impact response of wire mesh screens. EPJ Web of Conferences, 2015, 94, 04033.	0.3	3
13	Mechanical behavior and numerical analysis of corrugated wire mesh laminates. Journal of Mechanical Science and Technology, 2012, 26, 73-80.	1.5	2