

Krishna Shankar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1140820/publications.pdf>

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