

Vishwesh Dikshit

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,398
citations

516710

16
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of mechanical properties and fracture mode of additively manufactured carbon fiber and glass fiber reinforced thermoplastics. <i>Materials and Design</i> , 2018, 137, 79-89.	7.0	373
2	Additive manufacturing in unmanned aerial vehicles (UAVs): Challenges and potential. <i>Aerospace Science and Technology</i> , 2017, 63, 140-151.	4.8	252
3	Material jetting additive manufacturing: An experimental study using designed metrological benchmarks. <i>Precision Engineering</i> , 2017, 50, 275-285.	3.4	153
4	Enhancing interlaminar fracture characteristics of woven CFRP prepreg composites through CNT dispersion. <i>Journal of Composite Materials</i> , 2012, 46, 665-675.	2.4	115
5	Performance evaluation of Projet multi-material jetting 3D printer. <i>Virtual and Physical Prototyping</i> , 2017, 12, 95-103.	10.4	81
6	Multiscale Polymer Composites: A Review of the Interlaminar Fracture Toughness Improvement. <i>Fibers</i> , 2017, 5, 38.	4.0	66
7	Powder-Based 3D Printing for the Fabrication of Device with Micro and Mesoscale Features. <i>Micromachines</i> , 2020, 11, 658.	2.9	55
8	Investigation of Quasi-Static Indentation Response of Inkjet Printed Sandwich Structures under Various Indenter Geometries. <i>Materials</i> , 2017, 10, 290.	2.9	40
9	Fabrication of design-optimized multifunctional safety cage with conformal circuits for drone using hybrid 3D printing technology. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 2573-2586.	3.0	37
10	Crack monitoring and failure investigation on inkjet printed sandwich structures under quasi-static indentation test. <i>Materials and Design</i> , 2018, 137, 140-151.	7.0	36
11	Process-structure-property of additively manufactured continuous carbon fiber reinforced thermoplastic: an investigation of mode I interlaminar fracture toughness. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 1418-1430.	2.6	35
12	Quasi-static indentation and sound-absorbing properties of 3D printed sandwich core panels. <i>Journal of Sandwich Structures and Materials</i> , 2022, 24, 1206-1225.	3.5	27
13	Erosive Wear Behaviour of Redmud Filled Metal Matrix Composite. <i>Journal of Reinforced Plastics and Composites</i> , 2008, 27, 145-152.	3.1	26
14	Investigation of out of plane compressive strength of 3D printed sandwich composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 139, 012017.	0.6	23
15	3D-printed Bioreactors for In Vitro Modeling and Analysis. <i>International Journal of Bioprinting</i> , 2020, 6, 267.	3.4	21
16	Quasi-static indentation analysis on three-dimensional printed continuous-fiber sandwich composites. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 385-404.	3.5	20
17	Recent progress in 3D printing of fiber-reinforced composite and nanocomposites. , 2020, , 371-394.		16
18	Weathering Behavior of Bagasse Fiber Reinforced Polymer Composite. <i>Journal of Reinforced Plastics and Composites</i> , 2008, 27, 1839-1846.	3.1	15

#	ARTICLE	IF	CITATIONS
19	Fractography of Particle Strengthening Mechanisms at Interfaces in Prepreg Composites. Advanced Materials Research, 0, 816-817, 196-200.	0.3	3
20	Failure assessment of aluminum liner based filament-wound hybrid riser subjected to internal hydrostatic pressure. , 2015, , .		2
21	Manufacturing of multiscale interlaminar interface composites and quantitative analysis of interlaminar fracture toughness. , 2020, , 261-278.		2
22	Interlaminar fracture morphology of multiscale interlaminar interface composites. , 2020, , 301-319.		0