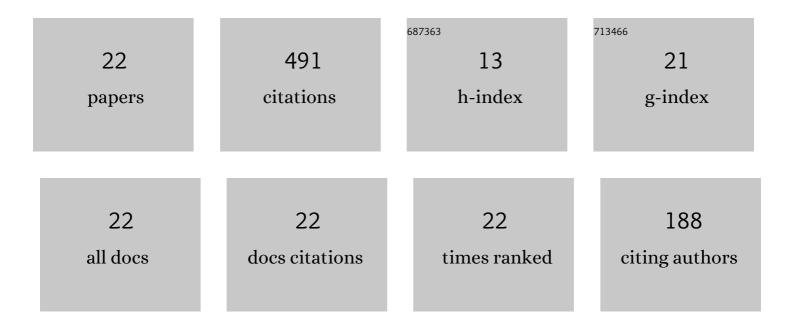
Goram R Gohel

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Advances in Ultrasonic Welding of Thermoplastic Composites: A Review. Materials, 2020, 13, 1284.	2.9	100
2	Investigation on Ultrasonic Welding Attributes of Novel Carbon/Elium® Composites. Materials, 2020, 13, 1117.	2.9	44
3	Flexural characteristics of novel carbon methylmethacrylate composites. Composites Communications, 2019, 13, 129-133.	6.3	41
4	Damping, impact and flexural performance of novel carbon/Elium® thermoplastic tubular composites. Composites Part B: Engineering, 2020, 203, 108480.	12.0	41
5	Fatigue response of ultrasonically welded carbon/Elium® thermoplastic composites. Materials Letters, 2020, 264, 127362.	2.6	41
6	Ultrasonic Welding of Novel Carbon/Elium® Thermoplastic Composites with Flat and Integrated Energy Directors: Lap Shear Characterisation and Fractographic Investigation. Materials, 2020, 13, 1634.	2.9	28
7	Development and impact characterization of acrylic thermoplastic composite bicycle helmet shell with improved safety and performance. Composites Part B: Engineering, 2021, 221, 109008.	12.0	28
8	Ultrasonic welding of novel Carbon/Elium® with carbon/epoxy composites. Composites Composites Communications, 2020, 22, 100463.	6.3	22
9	Energy Characteristics and Failure Mechanisms for Textile Spread Tow Thin Ply Thermoplastic Composites under Low-velocity Impact. Fibers and Polymers, 2019, 20, 1716-1725.	2.1	21
10	Quasi-static indentation response of core-shell particle reinforced novel NCCF/Elium® composites at different feed rates. Composites Communications, 2020, 21, 100383.	6.3	19
11	Enhanced impact energy absorption and failure characteristics of novel fully thermoplastic and hybrid composite bicycle helmet shells. Materials and Design, 2021, 209, 110003.	7.0	19
12	Recent Advances on the Design Automation for Performance-Optimized Fiber Reinforced Polymer Composite Components. Journal of Composites Science, 2020, 4, 61.	3.0	16
13	Mechanical performance and damage mechanisms of thin rectangular carbon/ Elium® tubular thermoplastic composites under flexure and low-velocity impact. Thin-Walled Structures, 2021, 165, 107971.	5.3	15
14	Manufacturing and investigating the load, energy and failure attributes of thin ply carbon/Elium® thermoplastic hollow composites under low-velocity impact. Materials and Design, 2021, 206, 109814.	7.0	14
15	Enhanced energy absorption characteristics of novel integrated hybrid honeycomb/polystyrene foam. Journal of Cellular Plastics, 2020, , 0021955X2096521.	2.4	12
16	Manufacturing Optimization and Experimental Investigation of Ex-situ Core-shell Particles Toughened Carbon/EliumÄ® Thermoplastic Composites. Fibers and Polymers, 2021, 22, 1693.	2.1	7
17	On the structural damping response of hollow carbon composite shafts with room temperature curable novel acrylic liquid thermoplastic resin. Composites Communications, 2022, 29, 100990.	6.3	6
18	Optimizing Bladder Resin Transfer Molding Process to Manufacture Complex, Thin-Ply Thermoplastic Tubular Composite Structures: An Experimental Case Study. Polymers, 2021, 13, 4093.	4.5	6

GORAM R GOHEL

#	Article	IF	CITATIONS
19	Impact performance of innovative corrugated polystyrene foam for bicycle helmets. Journal of Cellular Plastics, 2020, , 0021955X2096521.	2.4	4
20	Effect of PMMA Coupling Layer in Enhancing the Ultrasonic Weld Strength of Novel Room Temperature Curable Acrylic Thermoplastic to Epoxy Based Composites. Polymers, 2022, 14, 1862.	4.5	3
21	Vibration damping and dynamic mechanical attributes of core-shell particles modified glass epoxy prepregs cured using microwave irradiations. Composites Communications, 2020, 21, 100412.	6.3	2
22	Behaviour of Rectangular Hollow Thin Ply Carbon Thermoset and Thermoplastic Composite Tubes Subjected to Bending. Polymers, 2022, 14, 1386.	4.5	2