

# Goram R Gohel

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

491  
citations

687363

13  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

188  
citing authors

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

#	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 preregs 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