

Effects of the temperature, humidity, and stress on the
fiber polymer-matrix composites, studied by contact el

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The interlaminar interface of a carbon fiber polymer-matrix composite as a resistance heating element. Composites Part A: Applied Science and Manufacturing, 2003, 34, 933-940. | 3.8 | 44 |
| 2 | Self-sensing of Damage and Strain in Carbon Fiber Polymer-Matrix Structural Composites by Electrical Resistance Measurement. Polymers and Polymer Composites, 2003, 11, 515-525. | 1.0 | 37 |
| 3 | Induction welding of thermoplastic composites—an overview. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1638-1651. | 3.8 | 178 |
| 4 | Through-thickness stress sensing of a carbon fiber polymer-matrix composite by electrical resistance measurement. Smart Materials and Structures, 2007, 16, 1320-1330. | 1.8 | 29 |
| 5 | Environmental degradation of carbon nanotube-modified composite laminates: a study of electrical resistivity. Mechanics of Composite Materials, 2009, 45, 21-32. | 0.9 | 38 |
| 6 | Carbon Nanotube Enhanced Aerospace Composite Materials. Solid Mechanics and Its Applications, 2013, , . | 0.1 | 12 |
| 7 | Environmental Degradation of Carbon Nanotube Hybrid Aerospace Composites. Solid Mechanics and Its Applications, 2013, , 337-376. | 0.1 | 2 |
| 8 | Current injection phase thermography for low-velocity impact damage identification in composite laminates. Materials & Design, 2014, 55, 429-441. | 5.1 | 40 |
| 9 | Effect of CNT modified matrix of epoxy CFRPs on hydrothermal behaviour of material. Evaluation of water uptake using electrical resistance measurements. Plastics, Rubber and Composites, 2014, 43, 122-129. | 0.9 | 4 |
| 10 | Nano-enhanced composite materials under thermal shock and environmental degradation: A durability study. Composites Part B: Engineering, 2015, 70, 206-214. | 5.9 | 36 |
| 11 | Remote strain sensing of CFRP using microwave frequency domain reflectometry. , 2016, , . | | 3 |
| 12 | The Effect of CNT-modified matrix of cyanate ester CFRPs on the hydrothermal behavior of the material. Evaluation of the water uptake using electrical resistance measurements. Polymer Composites, 2016, 37, 1072-1077. | 2.3 | 0 |
| 13 | Monitoring Moisture Damage Propagation in GFRP Composites Using Carbon Nanoparticles. Polymers, 2017, 9, 94. | 2.0 | 23 |
| 14 | Interlaminar contact resistivity and its influence on eddy currents in carbon fiber reinforced polymer laminates. NDT and E International, 2018, 94, 79-91. | 1.7 | 37 |
| 15 | A review of the research and advances in electromagnetic joining of fiber-reinforced thermoplastic composites. Polymer Engineering and Science, 2019, 59, 1965-1985. | 1.5 | 28 |
| 16 | Cyclic Olefin Copolymer Interleaves for Thermally Mendable Carbon/Epoxy Laminates. Molecules, 2020, 25, 5347. | 1.7 | 10 |
| 17 | A critical review of piezoresistivity and its application in electrical-resistance-based strain sensing. Journal of Materials Science, 2020, 55, 15367-15396. | 1.7 | 97 |
| 18 | Reinforcing carbon fibers as sensors: The effect of temperature and humidity. Composites Part A: Applied Science and Manufacturing, 2020, 131, 105819. | 3.8 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Self-Sensing Materials. , 2021, , . | | 0 |
| 20 | Thermal Mending of Electroactive Carbon/Epoxy Laminates Using a Porous Poly(ϵ -caprolactone) Electrospun Mesh. Polymers, 2021, 13, 2723. | 2.0 | 6 |
| 21 | Intrinsically smart structural composites. Engineering Materials and Processes, 2003, , 253-284. | 0.2 | 0 |
| 22 | Influence of polymer matrix on the induction heating behavior of CFRPC laminates. Composites Part B: Engineering, 2022, 231, 109561. | 5.9 | 9 |