

CITATION REPORT

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Effect of moisture on the interlaminar interface of a carbon fiber polymermatrix composite, studied by contact electrical resistivity measurement

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Composite Interfaces, 2002, 9, 453-458.

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#	Paper	IF	Citations
11	Environmental degradation of carbon nanotube-modified composite laminates: a study of electrical resistivity. <i>Mechanics of Composite Materials</i> , 2009 , 45, 21-32	1.1	34
10	Effects of moisture absorption and surface modification using 3-aminopropyltriethoxysilane on the tensile and fracture characteristics of MWCNT/epoxy nanocomposites. <i>Applied Surface Science</i> , 2010 , 256, 7658-7667	6.7	34
9	Environmental Degradation of Carbon Nanotube Hybrid Aerospace Composites. <i>Solid Mechanics and Its Applications</i> , 2013 , 337-376	0.4	2
8	Nano-enhanced composite materials under thermal shock and environmental degradation: A durability study. <i>Composites Part B: Engineering</i> , 2015 , 70, 206-214	10	30
7	Effects of surface treating methods of high-strength carbon fibers on interfacial properties of epoxy resin matrix composite. <i>Applied Surface Science</i> , 2016 , 379, 199-205	6.7	68
6	Influence of surface state on moisture sensitivity of carbon fiber and its composite interfacial properties. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016 , 31, 757-764	1	4
5	Monitoring Moisture Damage Propagation in GFRP Composites Using Carbon Nanoparticles. <i>Polymers</i> , 2017 , 9,	4.5	17
4	Interlaminar contact resistivity and its influence on eddy currents in carbon fiber reinforced polymer laminates. <i>NDT and E International</i> , 2018 , 94, 79-91	4.1	20
3	Evaluation of the effects of decay and weathering in cellulose-reinforced fiber composites. 2019 , 173-210		5
2	Electrical Resistance Characteristics in Wet CFRP Cross-Ply Laminates with Matrix Cracking. <i>Journal of the Japan Society for Composite Materials</i> , 2011 , 37, 226-233	0.1	
1	Comparative study of deterioration of composite due to moisture using strain, electro-mechanical impedance, and guided waves. 2018 ,		2