

# CITATION REPORT

List of articles citing

**Energy absorption capability of nanocomposites: A review**

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#	Paper	IF	Citations
389	A review of recent research on mechanics of multifunctional composite materials and structures. <i>Composite Structures</i> , <b>2010</b> , 92, 2793-2810	5.3	753
388	Increasing the toughness of nylon 12 by the incorporation of functionalized graphene. <b>2010</b> , 48, 4309-4314		119
387	Design and reinforcement: vertically aligned carbon nanotube-based sandwich composites. <b>2010</b> , 4, 6798-804		50
386	Non-Aqueous Approach to Synthesize Amorphous/Crystalline Metal Oxide-Graphene Nanosheet Hybrid Composites. <b>2010</b> , 114, 18330-18337		70
385	Sacrificial bonds in stacked-cup carbon nanofibers: biomimetic toughening mechanisms for composite systems. <b>2010</b> , 4, 4256-64		87
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160	Tunable evolutions of shock absorption and energy partitioning in magnetic granular chains. <b>2018</b> , 32, 1850001		
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135	The effect of hybridization on high-velocity impact response of carbon fiber-reinforced polymer composites using finite element modeling, Taguchi method and artificial neural network. <b>2019</b> , 94, 105393		23
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128	Graphene and graphene derivatives toughening polymers: Toward high toughness and strength. <b>2019</b> , 370, 831-854		137
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90	Improving interfacial shear strength of co-cured sandwich composites by designing novel damping layer. <b>2021</b> , 854, 157175		0
89	A review of properties and fabrication techniques of fiber reinforced polymer nanocomposites subjected to simulated accidental ballistic impact. <i>Thin-Walled Structures</i> , <b>2021</b> , 158, 107150	4-7	10
88	Effects of adding different concentrations of block copolymers in epoxy matrix nanocomposites with carbon allotropic nanoparticles. <i>Polymer Composites</i> , <b>2021</b> , 42, 995-1007	3	0
87	Enhancing functionalities in carbon fiber composites by titanium dioxide nanoparticles. <i>Composites Science and Technology</i> , <b>2021</b> , 201, 108491	8.6	10
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83	Characterizations and testing some mechanical properties of prepared PMMA-Lithium disilicate glass ceramic composite for denture base application. <i>Materials Today: Proceedings</i> , <b>2021</b> , 42, 2482-2489 <sup>1.4</sup>		0
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80	An evaluation of a technique to improve the mechanical properties of maxillofacial silicone elastomers with zinc oxide nanoparticles. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> ,	4	
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67	Natural cork/potato periderm derivatives enabled interface engineering of elastomer composites for tunable energy-absorbing capabilities. <i>Industrial Crops and Products</i> , <b>2021</b> , 170, 113763	5.9	1

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