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DOI: 10.1016/j.ijplas.2010.08.006 International Journal of Plasticity, 2011, 27, 539-559.

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#	Paper	IF	Citations
167	Elucidation of the reinforcing mechanism in carbon nanotube/rubber nanocomposites. <b>2011</b> , 5, 3858-66	5	99
166	Size-effects on yield surfaces for micro reinforced composites. <i>International Journal of Plasticity</i> , <b>2011</b> , 27, 1817-1832	7.6	19
165	Tracer diffusion in fibre networks: the impact of spatial fluctuations in the fibre distribution. <b>2011</b> , 23, 375103		2
164	A Raman Spectroscopy Study on Single-Wall Carbon Nanotube/Polystyrene Nanocomposites: Mechanical Compression Transferred from the Polymer to Single-Wall Carbon Nanotubes. <b>2012</b> , 116, 17897-17903		32
163	Resistance to time-dependent deformation of polystyrene/carbon nanotube composites under cyclic tension. <b>2012</b> , 43, 1561-1568		22
162	Effect of dispersion conditions on the thermo-mechanical and toughness properties of multi walled carbon nanotubes-reinforced epoxy. <i>Composites Part B: Engineering</i> , <b>2012</b> , 43, 2697-2705	10	221
161	The effects of the finest grains on the mechanical behaviours of nanocrystalline materials. <b>2012</b> , 14, 1		10
160	A new technique for the strengthening of aluminum tungsten inert gas weld metals: using carbon nanotube/aluminum composite as a filler metal. <b>2013</b> , 54-55, 28-35		36
159	Effects of CNT waviness on the effective elastic responses of CNT-reinforced polymer composites. <i>Acta Mechanica</i> , <b>2013</b> , 224, 1351-1364	2.1	66
158	Load-transfer efficiency and mechanical reliability of carbon nanotube fibers under low strain rates. <i>International Journal of Plasticity</i> , <b>2013</b> , 40, 56-64	7.6	36
157	Nonlinear multiscale modeling approach to characterize elastoplastic behavior of CNT/polymer nanocomposites considering the interphase and interfacial imperfection. <i>International Journal of Plasticity</i> , <b>2013</b> , 41, 124-146	7.6	102
156	Characterizing elastic properties of carbon nanotube-based composites by using an equivalent fiber. <i>Polymer Composites</i> , <b>2013</b> , 34, 241-251	3	15
155	A homogenised continuum constitutive model for visco-plastic deformation of uni-directional composites. <i>Composite Structures</i> , <b>2013</b> , 99, 404-418	5.3	4
154	Filler aggregation as a reinforcement mechanism in polymer nanocomposites. <i>Mechanics of Materials</i> , <b>2013</b> , 61, 79-90	3.3	102
153	The effects of carbon nanotube orientation and aggregation on vibrational behavior of functionally graded nanocomposite cylinders by a mesh-free method. <i>Acta Mechanica</i> , <b>2013</b> , 224, 2817-2832	2.1	28
152	Interface effects on the viscoelastic characteristics of carbon nanotube polymer matrix composites. <i>Mechanics of Materials</i> , <b>2013</b> , 58, 1-11	3.3	78
151	Local aggregation effect of CNT on the vibrational behavior of four-parameter continuous grading nanotube-reinforced cylindrical panels. <i>Polymer Composites</i> , <b>2013</b> , 34, 707-721	3	33

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150	Homogenization of elastoplastic composites with generalized periodicity in the microstructure.  **International Journal of Plasticity, 2013, 51, 161-187**	7.6	26	
14	Micromechanics of crystallographic size-effects in metal matrix composites induced by thermo-mechanical loading. <i>International Journal of Plasticity</i> , <b>2013</b> , 42, 65-82	7.6	23	
14	Challenges of the Modeling Methods for Investigating the Interaction between the CNT and the Surrounding Polymer. <i>Advances in Materials Science and Engineering</i> , <b>2013</b> , 2013, 1-10	1.5	23	
14	7 Multiscale Modeling of PolymerNanotube Nanocomposites. <b>2014</b> , 117-166		1	
14	6 Biography of the Prager Medalist: Professor George Weng. <i>Acta Mechanica</i> , <b>2014</b> , 225, 967-977	2.1		
14.	Interaction between edge dislocations and amorphous interphase in carbon nanotubes reinforced 5 metal matrix nanocomposites incorporating interface effect. <i>International Journal of Solids and</i> Structures, <b>2014</b> , 51, 1149-1163	3.1	14	
14.	Finite strain compressive behaviour of CNT/epoxy nanocomposites: 2D versus 3D RVE-based modelling. <b>2014</b> , 82, 298-309		25	
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14.	2 On the homogenization of metal matrix composites using strain gradient plasticity. <b>2014</b> , 30, 175-190		5	
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14	Percolation threshold and electrical conductivity of graphene-based nanocomposites with filler agglomeration and interfacial tunneling. <b>2015</b> , 118, 065101		90	
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138	8 Computational prediction of waviness and orientation effects in carbon nanotube reinforced metal matrix composites. <b>2015</b> , 101, 8-15		8	
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130	Multi-level homogenization of strength properties of hierarchical-organized matrixInclusion materials. <i>Mechanics of Materials</i> , <b>2015</b> , 89, 98-118	3.3	9	
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13	Free vibration analysis of functionally graded nanocomposite sandwich beams resting on Pasternak foundation by considering the agglomeration effect of CNTs. <i>Journal of Sandwich Structures and Materials</i> , <b>2015</b> , 17, 632-665	2.1	27	

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130	A size-dependent tensorial plasticity model for FCC single crystal with irradiation. <i>International Journal of Plasticity</i> , <b>2015</b> , 65, 152-167	7.6	45
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127	Synergistic strengthening effect of nanocrystalline copper reinforced with carbon nanotubes. <b>2016</b> , 6, 26258		38
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125	Finite element modelling of dual-phase polycrystalline Nickel-base alloys. <i>Mechanics of Materials</i> , <b>2016</b> , 98, 134-141	3.3	6
124	The effect of time-dependent slightly weakened interface on the viscoelastic properties of CNT/polymer nanocomposites. <i>Composite Structures</i> , <b>2016</b> , 146, 122-131	5.3	19
123	Free vibration analysis of conical shells reinforced with agglomerated Carbon Nanotubes. <i>International Journal of Mechanical Sciences</i> , <b>2016</b> , 108-109, 157-165	5.5	125
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63	Modified Eshelby tensor for an anisotropic matrix with interfacial damage. <i>Mathematics and Mechanics of Solids</i> , <b>2019</b> , 24, 1749-1762	2.3	15	
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58	Vibrational analysis of sandwich sectorial plates with functionally graded sheets reinforced by aggregated carbon nanotube. <i>Journal of Sandwich Structures and Materials</i> , <b>2020</b> , 22, 1496-1541	2.1	5
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37	Influences of carbon nanotubes in Tin nanocomposite active plate on the diffusion induced stresses and curvature in bilayer lithium-ion battery electrodes. <i>Solid State Ionics</i> , <b>2020</b> , 349, 115315	3.3	4
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27	Modelling, fabrication and characterization of graphene/polymer nanocomposites for electromagnetic interference shielding applications. <i>Carbon Trends</i> , <b>2021</b> , 4, 100047	O	11
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