

Theodoros Davris

List of Publications by Year in descending order

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8
papers

110
citations

1684188
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8
all docs

8
docs citations

8
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Filler Size Effects on Reinforcement in Elastomer-Based Nanocomposites: Experimental and Simulational Insights into Physical Mechanisms. <i>Macromolecules</i> , 2016, 49, 7077-7087.	4.8	51
2	A coarse-grained molecular dynamics study of segmental structure and mobility in capped crosslinked copolymer films. <i>Journal of Chemical Physics</i> , 2015, 143, 074906.	3.0	18
3	Influence of Morphology on the Mechanical Properties of Polymer Nanocomposites Filled with Uniform or Patchy Nanoparticles. <i>Langmuir</i> , 2016, 32, 8473-8483.	3.5	15
4	Simulational insights into the mechanical response of prestretched double network filled elastomers. <i>Soft Matter</i> , 2017, 13, 8597-8608.	2.7	11
5	Coarse-grained molecular-dynamics simulations of capped crosslinked polymer films: Equilibrium structure and glass-transition temperature. <i>Polymer Composites</i> , 2015, 36, 1012-1019.	4.6	8
6	Linear Viscoelasticity of Polymers and Polymer Nanocomposites: Molecular-Dynamics Large Amplitude Oscillatory Shear and Probe Rheology Simulations. <i>Advances in Dielectrics</i> , 2018, , 375-404.	1.2	4
7	Rheology, Rupture, Reinforcement and Reversibility: Computational Approaches for Dynamic Network Materials. <i>Advances in Polymer Science</i> , 2020, , 63-126.	0.8	3
8	Molecular-dynamics simulations of crosslinking and confinement effects on structure, segmental mobility and mechanics of filled elastomers. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0