

Junxia Wang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Chain conformation and dynamics in ultrahigh molecular weight polyethylene melts undergoing extensional-shear coupled flow: insight from dissipative particle dynamics simulation. <i>Polymer International</i> , 2020, 69, 1213-1219. | 3.1 | 3 |
| 2 | A Dissipative Particle Dynamics Study of Flow Behaviors in Ultra High Molecular Weight Polyethylene/Polyamide 6 Blends Based on Souza-Martins Method. <i>Polymers</i> , 2019, 11, 1275. | 4.5 | 3 |
| 3 | Orientation and Dispersion Evolution of Carbon Nanotubes in Ultra High Molecular Weight Polyethylene Composites under Extensional-Shear Coupled Flow: A Dissipative Particle Dynamics Study. <i>Polymers</i> , 2019, 11, 154. | 4.5 | 17 |
| 4 | Extensional-shear coupled flow-induced morphology and phase evolution of polypropylene/ultrahigh molecular weight polyethylene blends: Dissipative particle dynamics simulations and experimental studies. <i>Polymer</i> , 2019, 169, 36-45. | 3.8 | 15 |
| 5 | New insight into residual stresses in amine-grafted MWCNTs/binary resin composites under complex thermomechanical loadings. <i>Journal of Thermoplastic Composite Materials</i> , 2019, 32, 1445-1454. | 4.2 | 0 |
| 6 | Structure and properties of ultrahigh molecular weight polyethylene processed under a consecutive elongational flow. <i>Journal of Polymer Research</i> , 2018, 25, 1. | 2.4 | 14 |
| 7 | Phase behavior and alignment transition of ultra high molecular weight polyethylene/polyamide 6 blends under extensional and shear flow. <i>Computational Materials Science</i> , 2018, 149, 21-27. | 3.0 | 7 |
| 8 | Deformation and Stress Response of Carbon Nanotubes/UHMWPE Composites under Extensional-Shear Coupling Flow. <i>Applied Composite Materials</i> , 2018, 25, 35-43. | 2.5 | 12 |