

Camilo Cruz

List of Publications by Year in descending order

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134
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fiber Orientation Predictions—A Review of Existing Models. <i>Journal of Composites Science</i> , 2020, 4, 69. | 1.4 | 37 |
| 2 | Review on the Brownian Dynamics Simulation of Bead-Rod-Spring Models Encountered in Computational Rheology. <i>Archives of Computational Methods in Engineering</i> , 2012, 19, 227-259. | 6.0 | 32 |
| 3 | Effects of a bent structure on the linear viscoelastic response of diluted carbon nanotube suspensions. <i>Rheologica Acta</i> , 2010, 49, 1141-1155. | 1.1 | 20 |
| 4 | Mechanical and microstructural characterization of flowing weld lines in injection-molded short fiber-reinforced PBT. <i>Polymer Testing</i> , 2019, 74, 152-162. | 2.3 | 18 |
| 5 | Micromechanical modelling of the viscoelastic behaviour of an amorphous poly(ethylene)terephthalate (PET) reinforced by spherical glass beads. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009, 40, 695-701. | 3.8 | 14 |
| 6 | Macroscopic fiber orientation model evaluation for concentrated short fiber reinforced polymers in comparison to experimental data. <i>Polymer Composites</i> , 2020, 41, 2542-2556. | 2.3 | 13 |
| 7 | A Flow-Dependent Fiber Orientation Model. <i>Journal of Composites Science</i> , 2020, 4, 96. | 1.4 | 10 |
| 8 | Frontal weld lines in injection-molded short fiber-reinforced PBT: Extensive microstructure characterization for mechanical performance evaluation. <i>Polymer Composites</i> , 2019, 40, 4547-4558. | 2.3 | 9 |
| 9 | Efficient parameter identification for macroscopic fiber orientation models with experimental data and a mechanistic fiber simulation. <i>AIP Conference Proceedings</i> , 2020, , . | 0.3 | 3 |
| 10 | Modeling elastic behaviour in functionalized carbon nanotube suspensions. <i>International Journal of Material Forming</i> , 2008, 1, 631-634. | 0.9 | 2 |
| 11 | Shear-strain step response in linear regime of dilute suspensions of naturally bent carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2012, 125, 4347-4357. | 1.3 | 2 |
| 12 | Mechanical characterization of frontal and flowing weld lines in injection-molded short fiber-reinforced thermoplastics. <i>AIP Conference Proceedings</i> , 2019, , . | 0.3 | 2 |
| 13 | Data enriched lubrication force modeling for a mechanistic fiber simulation of short fiber-reinforced thermoplastics. <i>Physics of Fluids</i> , 2021, 33, 053107. | 1.6 | 1 |