

Jianhui Song

List of Publications by Year in descending order

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16
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Hydrogenation of Carboxyl Nitrile Butadiene Rubber Latex Using a Ruthenium-Based Catalyst. <i>Catalysts</i> , 2022, 12, 97. | 1.6 | 2 |
| 2 | Molecular dynamics simulations of uniaxial deformation of bimodal polyethylene melts. <i>Polymer</i> , 2021, 213, 123210. | 1.8 | 6 |
| 3 | Aramid <scp>nanofiber</scp> reinforced nitrile rubber assisted by cellulose nanocrystals. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50546. | 1.3 | 9 |
| 4 | Small-Angle X-ray Scattering Signatures of Conformational Heterogeneity and Homogeneity of Disordered Protein Ensembles. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6451-6478. | 1.2 | 19 |
| 5 | Design of a mechanically strong and highly stretchable thermoplastic silicone elastomer based on coulombic interactions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5943-5951. | 5.2 | 46 |
| 6 | Direct visualization of the nanoscopic three-phase structure and stiffness of NBR/PVC blends by AFM nanomechanical mapping. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 662-669. | 2.4 | 5 |
| 7 | Silica nanoparticles reinforced natural rubber latex composites: The effects of silica dimension and polydispersity on performance. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47449. | 1.3 | 27 |
| 8 | Interfacial Synthesis of Conjugated Two-Dimensional N-Graphdiyne. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 53-58. | 4.0 | 124 |
| 9 | Structural relaxation and glass transition behavior of binary hard-ellipse mixtures. <i>Science China Chemistry</i> , 2018, 61, 613-618. | 4.2 | 3 |
| 10 | An allosteric conduit facilitates dynamic multisite substrate recognition by the SCFCdc4 ubiquitin ligase. <i>Nature Communications</i> , 2017, 8, 13943. | 5.8 | 33 |
| 11 | Conformational Heterogeneity and FRET Data Interpretation for Dimensions of Unfolded Proteins. <i>Biophysical Journal</i> , 2017, 113, 1012-1024. | 0.2 | 61 |
| 12 | Random-phase-approximation theory for sequence-dependent, biologically functional liquid-liquid phase separation of intrinsically disordered proteins. <i>Journal of Molecular Liquids</i> , 2017, 228, 176-193. | 2.3 | 103 |
| 13 | Conformations of a Metastable SH3 Domain Characterized by smFRET and an Excluded-Volume Polymer Model. <i>Biophysical Journal</i> , 2016, 110, 1510-1522. | 0.2 | 23 |
| 14 | An Adequate Account of Excluded Volume Is Necessary To Infer Compactness and Asphericity of Disordered Proteins by Förster Resonance Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15191-15202. | 1.2 | 44 |
| 15 | Theoretical perspectives on nonnative interactions and intrinsic disorder in protein folding and binding. <i>Current Opinion in Structural Biology</i> , 2015, 30, 32-42. | 2.6 | 70 |
| 16 | Polycation- π Interactions Are a Driving Force for Molecular Recognition by an Intrinsically Disordered Oncoprotein Family. <i>PLoS Computational Biology</i> , 2013, 9, e1003239. | 1.5 | 57 |