

Jianhui Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2737441/publications.pdf>

Version: 2024-02-01

16
papers

632
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial Synthesis of Conjugated Two-Dimensional N-Graphdiyne. ACS Applied Materials & Interfaces, 2018, 10, 53-58.	8.0	124
2	Random-phase-approximation theory for sequence-dependent, biologically functional liquid-liquid phase separation of intrinsically disordered proteins. Journal of Molecular Liquids, 2017, 228, 176-193.	4.9	103
3	Theoretical perspectives on nonnative interactions and intrinsic disorder in protein folding and binding. Current Opinion in Structural Biology, 2015, 30, 32-42.	5.7	70
4	Conformational Heterogeneity and FRET Data Interpretation for Dimensions of Unfolded Proteins. Biophysical Journal, 2017, 113, 1012-1024.	0.5	61
5	Polycation- π Interactions Are a Driving Force for Molecular Recognition by an Intrinsically Disordered Oncoprotein Family. PLoS Computational Biology, 2013, 9, e1003239.	3.2	57
6	Design of a mechanically strong and highly stretchable thermoplastic silicone elastomer based on coulombic interactions. Journal of Materials Chemistry A, 2020, 8, 5943-5951.	10.3	46
7	An Adequate Account of Excluded Volume Is Necessary To Infer Compactness and Asphericity of Disordered Proteins by Förster Resonance Energy Transfer. Journal of Physical Chemistry B, 2015, 119, 15191-15202.	2.6	44
8	An allosteric conduit facilitates dynamic multisite substrate recognition by the SCFCdc4 ubiquitin ligase. Nature Communications, 2017, 8, 13943.	12.8	33
9	Silica nanoparticles reinforced natural rubber latex composites: The effects of silica dimension and polydispersity on performance. Journal of Applied Polymer Science, 2019, 136, 47449.	2.6	27
10	Conformations of a Metastable SH3 Domain Characterized by smFRET and an Excluded-Volume Polymer Model. Biophysical Journal, 2016, 110, 1510-1522.	0.5	23
11	Small-Angle X-ray Scattering Signatures of Conformational Heterogeneity and Homogeneity of Disordered Protein Ensembles. Journal of Physical Chemistry B, 2021, 125, 6451-6478.	2.6	19
12	Aramid nanofiber reinforced nitrile rubber assisted by cellulose nanocrystals. Journal of Applied Polymer Science, 2021, 138, 50546.	2.6	9
13	Molecular dynamics simulations of uniaxial deformation of bimodal polyethylene melts. Polymer, 2021, 213, 123210.	3.8	6
14	Direct visualization of the nanoscopic three-phase structure and stiffness of NBR/PVC blends by AFM nanomechanical mapping. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 662-669.	2.1	5
15	Structural relaxation and glass transition behavior of binary hard-soft mixtures. Science China Chemistry, 2018, 61, 613-618.	8.2	3
16	Hydrogenation of Carboxyl Nitrile Butadiene Rubber Latex Using a Ruthenium-Based Catalyst. Catalysts, 2022, 12, 97.	3.5	2