

Prajnaparamita Dhar

List of Publications by Year in descending order

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16
papers

381
citations

933264

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docs citations

16
times ranked

582
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Active Interfacial Shear Microrheology of Aging Protein Films. <i>Physical Review Letters</i> , 2010, 104, 016001. | 2.9 | 89 |
| 2 | Non-toxic engineered carbon nanodiamond concentrations induce oxidative/nitrosative stress, imbalance of energy metabolism, and mitochondrial dysfunction in microglial and alveolar basal epithelial cells. <i>Cell Death and Disease</i> , 2018, 9, 245. | 2.7 | 61 |
| 3 | Evaluating the Role of the Air-Solution Interface on the Mechanism of Subvisible Particle Formation Caused by Mechanical Agitation for an IgG1 mAb. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1643-1656. | 1.6 | 60 |
| 4 | Autonomously Moving Local Nanoprobes in Heterogeneous Magnetic Fields. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3607-3613. | 1.5 | 39 |
| 5 | Hyaluronic Acid Hydrogel Microspheres for Slow Release Stem Cell Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3754-3763. | 2.6 | 22 |
| 6 | Monitoring phases and phase transitions in phosphatidylethanolamine monolayers using active interfacial microrheology. <i>Soft Matter</i> , 2015, 11, 3313-3321. | 1.2 | 19 |
| 7 | Impact of Polysorbate 80 Grade on the Interfacial Properties and Interfacial Stress Induced Subvisible Particle Formation in Monoclonal Antibodies. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 746-759. | 1.6 | 17 |
| 8 | Interface-Induced Disassembly of a Self-Assembled Two-Component Nanoparticle System. <i>Langmuir</i> , 2013, 29, 3654-3661. | 1.6 | 16 |
| 9 | Phospholipid Composition Modulates Carbon Nanodiamond-Induced Alterations in Phospholipid Domain Formation. <i>Langmuir</i> , 2015, 31, 5093-5104. | 1.6 | 16 |
| 10 | Combined effect of synthetic protein, Mini-B, and cholesterol on a model lung surfactant mixture at the air-water interface. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 904-912. | 1.4 | 10 |
| 11 | Self-Assembled Coacervates of Chitosan and an Insect Cuticle Protein Containing a Rebers Riddiford Motif. <i>Biomacromolecules</i> , 2018, 19, 2391-2400. | 2.6 | 9 |
| 12 | pH-Induced Changes in the Surface Viscosity of Unsaturated Phospholipids Monitored Using Active Interfacial Microrheology. <i>Langmuir</i> , 2018, 34, 1159-1170. | 1.6 | 7 |
| 13 | Evaluating the Combined Impact of Temperature and Application of Interfacial Dilatational Stresses on Surface-mediated Protein Particle Formation in Monoclonal Antibody Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 680-689. | 1.6 | 6 |
| 14 | Impact of Engineered Carbon Nanodiamonds on the Collapse Mechanism of Model Lung Surfactant Monolayers at the Air-Water Interface. <i>Molecules</i> , 2020, 25, 714. | 1.7 | 4 |
| 15 | Viscoelastic Properties of ECM-Rich Embryonic Microenvironments. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 674. | 1.8 | 3 |
| 16 | Lung Surfactant Decreases Biochemical Alterations and Oxidative Stress Induced by a Sub-Toxic Concentration of Carbon Nanoparticles in Alveolar Epithelial and Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2694. | 1.8 | 3 |