

Mahesh Ganesan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

466
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

848
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Microstructure and elasticity of dilute gels of colloidal discoids. <i>Soft Matter</i> , 2022, 18, 1350-1363. | 2.7 | 14 |
| 2 | Rheology of <i>Candida albicans</i> fungal biofilms. <i>Journal of Rheology</i> , 2022, 66, 683-697. | 2.6 | 4 |
| 3 | Yield stress behavior of colloidal gels with embedded active particles. <i>Journal of Rheology</i> , 2021, 65, 225-239. | 2.6 | 10 |
| 4 | High-density equilibrium phases of colloidal ellipsoids by application of optically enhanced, direct current electric fields. <i>Soft Matter</i> , 2017, 13, 3768-3776. | 2.7 | 18 |
| 5 | Extracellular DNA facilitates the formation of functional amyloids in <i>S. aureus</i> biofilms. <i>Molecular Microbiology</i> , 2016, 99, 123-134. | 2.5 | 109 |
| 6 | Associative and Entanglement Contributions to the Solution Rheology of a Bacterial Polysaccharide. <i>Macromolecules</i> , 2016, 49, 8313-8321. | 4.8 | 24 |
| 7 | Artificial biofilms establish the role of matrix interactions in staphylococcal biofilm assembly and disassembly. <i>Scientific Reports</i> , 2015, 5, 13081. | 3.3 | 57 |
| 8 | Elasticity of microscale volumes of viscoelastic soft matter by cavitation rheometry. <i>Applied Physics Letters</i> , 2014, 105, 114105. | 3.3 | 21 |
| 9 | Direct Current Electric Field Assembly of Colloidal Crystals Displaying Reversible Structural Color. <i>ACS Nano</i> , 2014, 8, 8095-8103. | 14.6 | 68 |
| 10 | Molar Mass, Entanglement, and Associations of the Biofilm Polysaccharide of <i>Staphylococcus epidermidis</i> . <i>Biomacromolecules</i> , 2013, 14, 1474-1481. | 5.4 | 28 |
| 11 | Complement C5a Generation by Staphylococcal Biofilms. <i>Shock</i> , 2013, 39, 336-342. | 2.1 | 8 |
| 12 | Use of adsorption using granular activated carbon (GAC) for the enhancement of removal of chromium from synthetic wastewater by electrocoagulation. <i>Journal of Hazardous Materials</i> , 2009, 161, 575-580. | 12.4 | 105 |