

# 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	Extracellular <i>scp</i> DNA facilitates the formation of functional amyloids in <i>S. taphylococcus aureus</i> biofilms. <i>Molecular Microbiology</i> , 2016, 99, 123-134.	2.5	109
2	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
3	Direct Current Electric Field Assembly of Colloidal Crystals Displaying Reversible Structural Color. <i>ACS Nano</i> , 2014, 8, 8095-8103.	14.6	68
4	Artificial biofilms establish the role of matrix interactions in staphylococcal biofilm assembly and disassembly. <i>Scientific Reports</i> , 2015, 5, 13081.	3.3	57
5	Molar Mass, Entanglement, and Associations of the Biofilm Polysaccharide of <i>Staphylococcus epidermidis</i> . <i>Biomacromolecules</i> , 2013, 14, 1474-1481.	5.4	28
6	Associative and Entanglement Contributions to the Solution Rheology of a Bacterial Polysaccharide. <i>Macromolecules</i> , 2016, 49, 8313-8321.	4.8	24
7	Elasticity of microscale volumes of viscoelastic soft matter by cavitation rheometry. <i>Applied Physics Letters</i> , 2014, 105, 114105.	3.3	21
8	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
9	Microstructure and elasticity of dilute gels of colloidal discoids. <i>Soft Matter</i> , 2022, 18, 1350-1363.	2.7	14
10	Yield stress behavior of colloidal gels with embedded active particles. <i>Journal of Rheology</i> , 2021, 65, 225-239.	2.6	10
11	Complement C5a Generation by Staphylococcal Biofilms. <i>Shock</i> , 2013, 39, 336-342.	2.1	8
12	Rheology of <i>Candida albicans</i> fungal biofilms. <i>Journal of Rheology</i> , 2022, 66, 683-697.	2.6	4