

Michelle A Calabrese

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

407
citations

1040056

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940533

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docs citations

16
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheology of branched wormlike micelles. <i>Current Opinion in Colloid and Interface Science</i> , 2014, 19, 530-535.	7.4	115
2	3D Printed Cartilage-Like Tissue Constructs with Spatially Controlled Mechanical Properties. <i>Advanced Functional Materials</i> , 2019, 29, 1906330.	14.9	66
3	The rheology and microstructure of branched micelles under shear. <i>Journal of Rheology</i> , 2015, 59, 1299-1328.	2.6	53
4	Effect of Mechanical Compression on Chemical Degradation of Nafion Membranes. <i>ECS Electrochemistry Letters</i> , 2014, 3, F33-F36.	1.9	41
5	Understanding steady and dynamic shear banding in a model wormlike micellar solution. <i>Journal of Rheology</i> , 2016, 60, 1001-1017.	2.6	23
6	An optimized protocol for the analysis of time-resolved elastic scattering experiments. <i>Soft Matter</i> , 2016, 12, 2301-2308.	2.7	23
7	Detecting Branching in Wormlike Micelles via Dynamic Scattering Methods. <i>ACS Macro Letters</i> , 2018, 7, 614-618.	4.8	20
8	Impact of small molecule and reverse poloxamer addition on the micellization and gelation mechanisms of poloxamer hydrogels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 638, 128246.	4.7	13
9	Small-volume extensional rheology of concentrated protein and protein-excipient solutions. <i>Soft Matter</i> , 2021, 17, 9624-9635.	2.7	11
10	Criteria Governing Rod Formation and Growth in Nonionic Polymer Micelles. <i>Langmuir</i> , 2021, 37, 11676-11687.	3.5	11
11	Evaporation-controlled dripping-onto-substrate (DoS) extensional rheology of viscoelastic polymer solutions. <i>Scientific Reports</i> , 2022, 12, 4697.	3.3	8
12	Development of a Rubber Recycling Process Based on a Single-Component Interfacial Adhesive. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4849-4860.	4.4	6
13	Chapter 8. New Insights from Rheo-small-angle Neutron Scattering. <i>RSC Soft Matter</i> , 2017, , 193-235.	0.4	6
14	Temperature-controlled dripping-onto-substrate (DoS) extensional rheometry of polymer micelle solutions. <i>Soft Matter</i> , 2022, 18, 3993-4008.	2.7	5
15	3D Printed Tissues: 3D Printed Cartilage-Like Tissue Constructs with Spatially Controlled Mechanical Properties (<i>Adv. Funct. Mater.</i> 51/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970350.	14.9	3
16	Role of chain architecture in the solution phase assembly and thermoreversibility of aqueous PNIPAM/silyl methacrylate copolymers. <i>Polymer Chemistry</i> , 2022, 13, 3840-3855.	3.9	3