Michelle A Calabrese

List of Publications by Year
in descending order

16	407	1040056 9	940533 16
papers	citations	h-index	g-index

16	16	16	523
all docs	docs citations	times ranked	citing authors

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