

Lucy Liberman

List of Publications by Year in descending order

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426
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-Property Relations in Carbon Nanotube Fibers by Downscaling Solution Processing. <i>Advanced Materials</i> , 2018, 30, 1704482.	21.0	99
2	Methyl cellulose solutions and gels: fibril formation and gelation properties. <i>Progress in Polymer Science</i> , 2021, 112, 101324.	24.7	63
3	Surfactant-assisted individualization and dispersion of boron nitride nanotubes. <i>Nanoscale Advances</i> , 2019, 1, 1096-1103.	4.6	38
4	Cellulose-stabilized oil-in-water emulsions: Structural features, microrheology, and stability. <i>Carbohydrate Polymers</i> , 2021, 252, 117092.	10.2	26
5	Direct Imaging of Carbon Nanotube Liquid-Crystalline Phase Development in True Solutions. <i>Langmuir</i> , 2017, 33, 4011-4018.	3.5	24
6	Micrograph contrast in low-voltage SEM and cryo-SEM. <i>Ultramicroscopy</i> , 2020, 218, 113085.	1.9	18
7	Improved nanoformulation and bio-functionalization of linear-dendritic block copolymers with biocompatible ionic liquids. <i>Nanoscale</i> , 2022, 14, 6021-6036.	5.6	16
8	Versatile acid solvents for pristine carbon nanotube assembly. <i>Science Advances</i> , 2022, 8, eabm3285.	10.3	15
9	Phase Behavior of Linear-Bottlebrush Block Polymers. <i>Macromolecules</i> , 2022, 55, 2821-2831.	4.8	14
10	Quantification of Carbon Nanotube Liquid Crystal Morphology via Neutron Scattering. <i>Macromolecules</i> , 2018, 51, 6892-6900.	4.8	9
11	Salt-Dependent Structure in Methylcellulose Fibrillar Gels. <i>Macromolecules</i> , 2021, 54, 2090-2100.	4.8	7
12	Impact of Side-Chain Length on the Self-Assembly of Linear-Bottlebrush Diblock Copolymers. <i>Macromolecules</i> , 2022, 55, 4947-4955.	4.8	7
13	Effect of Carbon Nanotube Diameter and Stiffness on Their Phase Behavior in Crowded Solutions. <i>Langmuir</i> , 2020, 36, 242-249.	3.5	5
14	Enhanced ordering in length-polydisperse carbon nanotube solutions at high concentrations as revealed by small angle X-ray scattering. <i>Soft Matter</i> , 2021, 17, 5122-5130.	2.7	4
15	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