Julie N L Albert

List of Publications by Year
in descending order

23 papers	1,312 citations	687363 13 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	2127 citing authors

#	Article	IF	Citations
1	Blending Linear and Cyclic Block Copolymers to Manipulate Nanolithographic Feature Dimensions. ACS Applied Polymer Materials, 2022, 4, 327-337.	4.4	2
2	Aerosol Acidity Sensing via Polymer Degradation. Analytical Chemistry, 2020, 92, 6502-6511.	6.5	17
3	Nanostructure stability and swelling of ternary block copolymer/homopolymer blends: A direct comparison between dissipative particle dynamics and experiment. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 794-803.	2.1	12
4	Ionic conductivity and counterion condensation in nanoconfined polycation and polyanion brushes prepared from block copolymer templates. Molecular Systems Design and Engineering, 2019, 4, 365-378.	3.4	13
5	Impact of Cyclic Block Copolymer Chain Architecture and Degree of Polymerization on Nanoscale Domain Spacing: A Simulation and Scaling Theory Analysis. Macromolecules, 2019, 52, 9389-9397.	4.8	18
6	Thermal transitions in semi-crystalline polymer thin films studied via spectral reflectance. Polymer, 2018, 143, 336-342.	3.8	3
7	Anomalous Potential-Dependent Friction on Au(111) Measured by AFM. Langmuir, 2018, 34, 801-806.	3.5	22
8	Thin film confinement reduces compatibility in symmetric ternary block copolymer/homopolymer blends. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 1443-1451.	2.1	4
9	Synthesis and Self-Assembly of Amphiphilic Star/Linearâ€“Dendritic Polymers: Effect of Core versus Peripheral Branching on Reverse Micelle Aggregation. Biomacromolecules, 2018, 19, 3177-3189.	5.4	12
10	Ultrathin film crystallization of poly(Îµ-caprolactone) in blends containing styrene-isoprene block copolymers: The nano-rose morphology. Polymer, 2017, 117, 295-305.	3.8	2
11	Suppression of Melt-Induced Dewetting in Cyclic Poly(Îµ-caprolactone) Thin Films. Macromolecules, 2017, 50, 9852-9856.	4.8	12
12	Enhanced Adhesion of Mosquitoes to Rough Surfaces. ACS Applied Materials & Interfaces, 2017, 9, 24373-24380.	8.0	17
13	Nanostructured Block Copolymers for Proton Exchange Membrane Fuel Cells. Energy and Environment Focus, 2015, 4, 278-290.	0.3	10
14	Stimuli-responsive copolymer solution and surface assemblies for biomedical applications. Chemical Society Reviews, 2013, 42, 7057.	38.1	267
15	Manipulating Nanoscale Morphologies in Cylinder-Forming Poly(styrene-b-isoprene-b-styrene) Thin Films Using Film Thickness and Substrate Surface Chemistry Gradients. Macromolecules, 2013, 46, 1803-1811.	4.8	39
16	Systematic Study on the Effect of Solvent Removal Rate on the Morphology of Solvent Vapor Annealed ABA Triblock Copolymer Thin Films. ACS Nano, 2012, 6, 459-466.	14.6	121
17	Manipulating morphology and orientation in thermally responsive block copolymer thin films. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 263-271.	2.1	14
18	Mixed-Salt Effects on the Ionic Conductivity of Lithium-Doped PEO-Containing Block Copolymers. Macromolecules, 2011, 44, 8116-8123.	4.8	79

#	Article	IF	Citations
19	Gradient Solvent Vapor Annealing of Block Copolymer Thin Films Using a Microfluidic Mixing Device. Nano Letters, 2011, 11, 1351-1357.	9.1	93
20	Controlled vapor deposition approach to generating substrate surface energy/chemistry gradients. Review of Scientific Instruments, 2011, 82, 065103.	1.3	12
21	Self-assembly of block copolymer thin films. Materials Today, 2010, 13, 24-33.	14.2	453
22	Investigation of Thermally Responsive Block Copolymer Thin Film Morphologies Using Gradients. ACS Applied Materials & Interfaces, 2010, 2, 3241-3248.	8.0	29
23	Generation of Monolayer Gradients in Surface Energy and Surface Chemistry for Block Copolymer Thin Film Studies. ACS Nano, 2009, 3, 3977-3986.	14.6	61