

Julie N L Albert

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,312
citations

687363

13
h-index

642732

23
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23
all docs

23
docs citations

23
times ranked

2127
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of block copolymer thin films. <i>Materials Today</i> , 2010, 13, 24-33.	14.2	453
2	Stimuli-responsive copolymer solution and surface assemblies for biomedical applications. <i>Chemical Society Reviews</i> , 2013, 42, 7057.	38.1	267
3	Systematic Study on the Effect of Solvent Removal Rate on the Morphology of Solvent Vapor Annealed ABA Triblock Copolymer Thin Films. <i>ACS Nano</i> , 2012, 6, 459-466.	14.6	121
4	Gradient Solvent Vapor Annealing of Block Copolymer Thin Films Using a Microfluidic Mixing Device. <i>Nano Letters</i> , 2011, 11, 1351-1357.	9.1	93
5	Mixed-Salt Effects on the Ionic Conductivity of Lithium-Doped PEO-Containing Block Copolymers. <i>Macromolecules</i> , 2011, 44, 8116-8123.	4.8	79
6	Generation of Monolayer Gradients in Surface Energy and Surface Chemistry for Block Copolymer Thin Film Studies. <i>ACS Nano</i> , 2009, 3, 3977-3986.	14.6	61
7	Manipulating Nanoscale Morphologies in Cylinder-Forming Poly(styrene- <i>b</i> -isoprene- <i>b</i> -styrene) Thin Films Using Film Thickness and Substrate Surface Chemistry Gradients. <i>Macromolecules</i> , 2013, 46, 1803-1811.	4.8	39
8	Investigation of Thermally Responsive Block Copolymer Thin Film Morphologies Using Gradients. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 3241-3248.	8.0	29
9	Anomalous Potential-Dependent Friction on Au(111) Measured by AFM. <i>Langmuir</i> , 2018, 34, 801-806.	3.5	22
10	Impact of Cyclic Block Copolymer Chain Architecture and Degree of Polymerization on Nanoscale Domain Spacing: A Simulation and Scaling Theory Analysis. <i>Macromolecules</i> , 2019, 52, 9389-9397.	4.8	18
11	Enhanced Adhesion of Mosquitoes to Rough Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24373-24380.	8.0	17
12	Aerosol Acidity Sensing via Polymer Degradation. <i>Analytical Chemistry</i> , 2020, 92, 6502-6511.	6.5	17
13	Manipulating morphology and orientation in thermally responsive block copolymer thin films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 263-271.	2.1	14
14	Ionic conductivity and counterion condensation in nanoconfined polycation and polyanion brushes prepared from block copolymer templates. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 365-378.	3.4	13
15	Controlled vapor deposition approach to generating substrate surface energy/chemistry gradients. <i>Review of Scientific Instruments</i> , 2011, 82, 065103.	1.3	12
16	Suppression of Melt-Induced Dewetting in Cyclic Poly(μ -caprolactone) Thin Films. <i>Macromolecules</i> , 2017, 50, 9852-9856.	4.8	12
17	Synthesis and Self-Assembly of Amphiphilic Star/Linear "Dendritic Polymers: Effect of Core versus Peripheral Branching on Reverse Micelle Aggregation. <i>Biomacromolecules</i> , 2018, 19, 3177-3189.	5.4	12
18	Nanostructure stability and swelling of ternary block copolymer/homopolymer blends: A direct comparison between dissipative particle dynamics and experiment. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 794-803.	2.1	12

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19	Nanostructured Block Copolymers for Proton Exchange Membrane Fuel Cells. <i>Energy and Environment Focus</i> , 2015, 4, 278-290.	0.3	10
20	Thin film confinement reduces compatibility in symmetric ternary block copolymer/homopolymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1443-1451.	2.1	4
21	Thermal transitions in semi-crystalline polymer thin films studied via spectral reflectance. <i>Polymer</i> , 2018, 143, 336-342.	3.8	3
22	Ultrathin film crystallization of poly(ϵ -caprolactone) in blends containing styrene-isoprene block copolymers: The nano-rose morphology. <i>Polymer</i> , 2017, 117, 295-305.	3.8	2
23	Blending Linear and Cyclic Block Copolymers to Manipulate Nanolithographic Feature Dimensions. <i>ACS Applied Polymer Materials</i> , 2022, 4, 327-337.	4.4	2