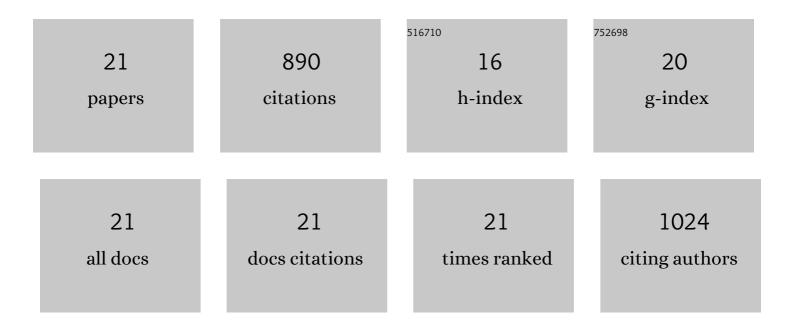
Adam F Hannon

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Advancing the computational methodology of rigid rod and semiflexible polymer systems: A new solution to the wormlike chain model with rodâ€coil copolymer calculations. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 29-39.	2.1	6
2	Optimizing self-consistent field theory block copolymer models with X-ray metrology. Molecular Systems Design and Engineering, 2018, 3, 376-389.	3.4	13
3	Characterizing the Interface Scaling of High χ Block Copolymers near the Order–Disorder Transition. Macromolecules, 2018, 51, 173-180.	4.8	34
4	Nanoscale spirals by directed self-assembly. Nano Futures, 2017, 1, 015001.	2.2	26
5	Derivation of Multiple Covarying Material and Process Parameters Using Physics-Based Modeling of X-ray Data. Macromolecules, 2017, 50, 7783-7793.	4.8	26
6	Inverting the design path for self-assembled block copolymers. Molecular Systems Design and Engineering, 2017, 2, 539-548.	3.4	20
7	Advancing x-ray scattering metrology using inverse genetic algorithms. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2016, 15, 034001.	0.9	24
8	Thermodynamic and Morphological Behavior of Block Copolymer Blends with Thermal Polymer Additives. Macromolecules, 2016, 49, 4898-4908.	4.8	7
9	3D TEM Tomography of Templated Bilayer Films of Block Copolymers. Advanced Functional Materials, 2014, 24, 7689-7697.	14.9	22
10	Selfâ€Assembly: Sacrificialâ€Post Templating Method for Block Copolymer Selfâ€Assembly (Small 3/2014). Small, 2014, 10, 418-418.	10.0	0
11	Sacrificialâ€₽ost Templating Method for Block Copolymer Selfâ€Assembly. Small, 2014, 10, 493-499.	10.0	25
12	Optimizing Topographical Templates for Directed Self-Assembly of Block Copolymers via Inverse Design Simulations. Nano Letters, 2014, 14, 318-325.	9.1	63
13	Thin Film Morphologies of Bulk-Gyroid Polystyrene- <i>block</i> -polydimethylsiloxane under Solvent Vapor Annealing. Macromolecules, 2014, 47, 6000-6008.	4.8	62
14	Design rules for self-assembled block copolymer patterns using tiled templates. Nature Communications, 2014, 5, 3305.	12.8	78
15	Inverse Design of Topographical Templates for Directed Self-Assembly of Block Copolymers. ACS Macro Letters, 2013, 2, 251-255.	4.8	49
16	Topographic Templating: Rectangular Symmetry Morphologies in a Topographically Templated Block Copolymer (Adv. Mater. 31/2012). Advanced Materials, 2012, 24, 4343-4343.	21.0	1
17	Morphology Control in Block Copolymer Films Using Mixed Solvent Vapors. ACS Nano, 2012, 6, 8052-8059.	14.6	198
18	Aligned Sub-10-nm Block Copolymer Patterns Templated by Post Arrays. ACS Nano, 2012, 6, 2071-2077.	14.6	74

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#	Article	IF	CITATIONS
19	Rectangular Symmetry Morphologies in a Topographically Templated Block Copolymer. Advanced Materials, 2012, 24, 4249-4254.	21.0	29
20	Hierarchical Nanostructures by Sequential Selfâ€Assembly of Styreneâ€Dimethylsiloxane Block Copolymers of Different Periods. Advanced Materials, 2011, 23, 634-639.	21.0	95
21	Enhancing the Potential of Block Copolymer Lithography with Polymer Self-Consistent Field Theory Simulations. Macromolecules, 2010, 43, 8290-8295.	4.8	38