Ryan C Hayward

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Shapeâ€Changing Particles: From Materials Design and Mechanisms to Implementation. Advanced Materials, 2022, 34, e2105758.	21.0	19
2	Temperature sensing using junctions between mobile ions and mobile electrons. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	15
3	Triplet–Triplet Annihilation Photopolymerization for High-Resolution 3D Printing. Journal of the American Chemical Society, 2022, 144, 5226-5232.	13.7	44
4	Impact of Composition and Placement of Hydrogen-Bonding Groups along Polymer Chains on Blend Phase Behavior: Coarse-Grained Molecular Dynamics Simulation Study. Macromolecules, 2022, 55, 2675-2690.	4.8	11
5	Formation of rolls from liquid crystal elastomer bistrips. Soft Matter, 2022, 18, 4077-4089.	2.7	2
6	Photomechanical Structures Based on Porous Alumina Templates Filled with 9-Methylanthracene Nanowires. Crystals, 2022, 12, 808.	2.2	1
7	Focusing frustration for self-limiting assembly of flexible, curved particles. Physical Review Research, 2022, 4, .	3.6	5
8	Measuring the five elastic constants of a nematic liquid crystal elastomer. Liquid Crystals, 2021, 48, 511-520.	2.2	9
9	Bridging photochemistry and photomechanics with NMR crystallography: the molecular basis for the macroscopic expansion of an anthracene ester nanorod. Chemical Science, 2021, 12, 453-463.	7.4	23
10	Coupled oscillation and spinning of photothermal particles in Marangoni optical traps. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
11	Complex Coacervation of Polymerized Ionic Liquids in Non-aqueous Solvents. ACS Polymers Au, 2021, 1, 100-106.	4.1	7
12	Multiblock Copolymer Anion-Exchange Membranes Derived from Vinyl Addition Polynorbornenes. ACS Applied Energy Materials, 2021, 4, 10273-10279.	5.1	15
13	Simultaneous control of Gaussian curvature and buckling direction by swelling of asymmetric trilayer hydrogel hybrids. Soft Matter, 2020, 16, 688-694.	2.7	13
14	Reconfiguring Gaussian Curvature of Hydrogel Sheets with Photoswitchable Host–Guest Interactions. ACS Macro Letters, 2020, 9, 1172-1177.	4.8	24
15	Assembly of Disordered Cocontinuous Morphologies by Multiblock Copolymers with Random Block Sequence and Length Dispersity. ACS Applied Polymer Materials, 2020, 2, 3282-3290.	4.4	7
16	Lowâ€Voltage Reversible Electroadhesion of Ionoelastomer Junctions. Advanced Materials, 2020, 32, e2000600.	21.0	52
17	Reversible Actuation via Photoisomerization-Induced Melting of a Semicrystalline Poly(Azobenzene). ACS Macro Letters, 2020, 9, 902-909.	4.8	46
18	Polymer Zwitterions for Stabilization of CsPbBr ₃ Perovskite Nanoparticles and Nanocomposite Films. Angewandte Chemie, 2020, 132, 10894-10898.	2.0	14

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19	Blueprinting Photothermal Shapeâ€Morphing of Liquid Crystal Elastomers. Advanced Materials, 2020, 32, e2000609.	21.0	110
20	Polymer Zwitterions for Stabilization of CsPbBr ₃ Perovskite Nanoparticles and Nanocomposite Films. Angewandte Chemie - International Edition, 2020, 59, 10802-10806.	13.8	49
21	Ionoelastomer junctions between polymer networks of fixed anions and cations. Science, 2020, 367, 773-776.	12.6	188
22	Harnessing Multiple Surface Deformation Modes for Switchable Conductivity Surfaces. ACS Applied Materials & Interfaces, 2020, 12, 10031-10038.	8.0	5
23	A nonlinear beam model of photomotile structures. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9762-9770.	7.1	60
24	Photomechanical molecular crystals and nanowire assemblies based on the [2+2] photodimerization of a phenylbutadiene derivative. Journal of Materials Chemistry C, 2020, 8, 5036-5044.	5.5	49
25	Enabling Robust Selfâ€Folding Origami by Preâ€Biasing Vertex Buckling Direction. Advanced Materials, 2019, 31, e0193006.	21.0	32
26	Multiaddressable Photochromic Architectures: From Molecules to Materials. Advanced Optical Materials, 2019, 7, 1900224.	7.3	78
27	Tuning Metastability of Poly(3-hexyl thiophene) Solutions to Enable in Situ Atomic Force Microscopy Imaging of Surface Nucleation. Macromolecules, 2019, 52, 7756-7761.	4.8	7
28	Biasing Buckling Direction in Shapeâ€Programmable Hydrogel Sheets with Throughâ€Thickness Gradients. Advanced Functional Materials, 2019, 29, 1905273.	14.9	39
29	Light-induced shape morphing of thin films. Current Opinion in Colloid and Interface Science, 2019, 40, 70-86.	7.4	38
30	Functional polymers for growth and stabilization of CsPbBr ₃ perovskite nanoparticles. Chemical Communications, 2019, 55, 1833-1836.	4.1	32
31	Lightâ€Driven Shape Morphing, Assembly, and Motion of Nanocomposite Gel Surfers. Advanced Materials, 2019, 31, e1900932.	21.0	57
32	Liquid Crystal Elastomer Waveguide Actuators. Advanced Materials, 2019, 31, e1901216.	21.0	62
33	Elastocapillary Crease. Physical Review Letters, 2019, 122, 098003.	7.8	18
34	Effects of Randomly End-Linked Copolymer Network Parameters on the Formation of Disordered Cocontinuous Phases. Macromolecules, 2019, 52, 2642-2650.	4.8	14
35	Ring-Opening Polymerization of Allyl-Functionalized Lactams. Macromolecules, 2019, 52, 167-175.	4.8	11
36	Overcurvature induced multistability of linked conical frusta: how a â€~bendy straw' holds its shape. Soft Matter, 2018, 14, 8636-8642.	2.7	17

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37	Formation of high aspect ratio wrinkles and ridges on elastic bilayers with small thickness contrast. Soft Matter, 2018, 14, 8545-8551.	2.7	24
38	Photothermocapillary Oscillators. Physical Review Letters, 2018, 121, 158001.	7.8	27
39	Orthogonal Ambipolar Semiconductors with Inherently Multi-Dimensional Responses for the Discriminative Sensing of Chemical Vapors. ACS Applied Materials & Interfaces, 2018, 10, 33353-33359.	8.0	7
40	Stress-Induced Orientation of Cocontinuous Nanostructures within Randomly End-Linked Copolymer Networks. ACS Macro Letters, 2018, 7, 828-833.	4.8	11
41	Effects of Stiff Film Pattern Geometry on Surface Buckling Instabilities of Elastic Bilayers. ACS Applied Materials & Interfaces, 2018, 10, 23406-23413.	8.0	20
42	Assembly of P3HT/CdSe nanowire networks in an insulating polymer host. Soft Matter, 2018, 14, 5327-5332.	2.7	4
43	Programmable and reversible assembly of soft capillary multipoles. Materials Horizons, 2017, 4, 228-235.	12.2	20
44	Reconfigurable Microscale Frameworks from Concatenated Helices with Controlled Chirality. Advanced Materials, 2017, 29, 1606111.	21.0	53
45	Shape-Morphing Materials from Stimuli-Responsive Hydrogel Hybrids. Accounts of Chemical Research, 2017, 50, 161-169.	15.6	360
46	Tunable Upper Critical Solution Temperature of Poly(<i>N</i> -isopropylacrylamide) in Ionic Liquids for Sequential and Reversible Self-Folding. ACS Applied Materials & Interfaces, 2017, 9, 15785-15790.	8.0	30
47	Post-wrinkle bifurcations in elastic bilayers with modest contrast in modulus. Extreme Mechanics Letters, 2017, 11, 30-36.	4.1	28
48	Ion transport properties of mechanically stable symmetric ABCBA pentablock copolymers with quaternary ammonium functionalized midblock. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 612-622.	2.1	21
49	Architectural Effects on Solution Self-Assembly of Poly(3-hexylthiophene)-Based Graft Copolymers. ACS Applied Materials & Interfaces, 2017, 9, 2933-2941.	8.0	12
50	3D-Printed Self-Folding Electronics. ACS Applied Materials & amp; Interfaces, 2017, 9, 32290-32298.	8.0	90
51	Forming Sticky Droplets from Slippery Polymer Zwitterions. Advanced Materials, 2017, 29, 1702921.	21.0	23
52	Anisotropic and Interconnected Nanoporous Materials from Randomly End-Linked Copolymer Networks. Macromolecules, 2017, 50, 4668-4676.	4.8	26
53	Reversible Electrochemically Triggered Delamination Blistering of Hydrogel Films on Micropatterned Electrodes. Advanced Functional Materials, 2016, 26, 3218-3225.	14.9	28
54	Random photografting of polymers to nanoparticles for wellâ€dispersed nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 152-158.	2.1	7

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55	Waveguiding Microactuators Based on a Photothermally Responsive Nanocomposite Hydrogel. Advanced Functional Materials, 2016, 26, 5447-5452.	14.9	84
56	Photocrosslinkable Nanocomposite Multilayers for Responsive 1D Photonic Crystals. Advanced Functional Materials, 2016, 26, 722-728.	14.9	34
57	Particles with Tunable Porosity and Morphology by Controlling Interfacial Instability in Block Copolymer Emulsions. ACS Nano, 2016, 10, 5243-5251.	14.6	92
58	Grayscale gel lithography for programmed buckling of non-Euclidean hydrogel plates. Soft Matter, 2016, 12, 4985-4990.	2.7	72
59	Orthogonal Ambipolar Semiconductor Nanostructures for Complementary Logic Gates. ACS Nano, 2016, 10, 8610-8619.	14.6	17
60	Reconfiguring Nanocomposite Liquid Crystal Polymer Films with Visible Light. Macromolecules, 2016, 49, 1575-1581.	4.8	55
61	Photothermally Reprogrammable Buckling of Nanocomposite Gel Sheets. Angewandte Chemie - International Edition, 2015, 54, 5434-5437.	13.8	126
62	Bifurcation Diagrams for the Formation of Wrinkles or Creases in Soft Bilayers. Journal of Applied Mechanics, Transactions ASME, 2015, 82, .	2.2	48
63	Creased hydrogels as active platforms for mechanical deformation of cultured cells. Lab on A Chip, 2015, 15, 1160-1167.	6.0	15
64	Tailoring Ultrasound-Induced Growth of Perylene Diimide Nanowire Crystals from Solution by Modification with Poly(3-hexyl thiophene). ACS Nano, 2015, 9, 1878-1885.	14.6	35
65	Measuring the Elastic Modulus of Thin Polymer Sheets by Elastocapillary Bending. ACS Applied Materials & Interfaces, 2015, 7, 14734-14742.	8.0	25
66	Using Janus Nanoparticles To Trap Polymer Blend Morphologies during Solvent-Evaporation-Induced Demixing. Macromolecules, 2015, 48, 4220-4227.	4.8	81
67	Selective Nucleation of Poly(3-hexyl thiophene) Nanofibers on Multilayer Graphene Substrates. ACS Macro Letters, 2015, 4, 483-487.	4.8	34
68	Origami structures with a critical transition to bistability arising from hidden degrees of freedom. Nature Materials, 2015, 14, 389-393.	27.5	382
69	Photopatternable Biodegradable Aliphatic Polyester with Pendent Benzophenone Groups. Biomacromolecules, 2015, 16, 3329-3335.	5.4	16
70	Functional Sulfobetaine Polymers: Synthesis and Salt-Responsive Stabilization of Oil-in-Water Droplets. Macromolecules, 2015, 48, 7843-7850.	4.8	29
71	Geometrically controlled snapping transitions in shells with curved creases. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11175-11180.	7.1	67
72	Water Processable Polythiophene Nanowires by Photo-Cross-Linking and Click-Functionalization. Nano Letters, 2015, 15, 5689-5695.	9.1	31

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73	Programming Reversibly Selfâ€Folding Origami with Micropatterned Photoâ€Crosslinkable Polymer Trilayers. Advanced Materials, 2015, 27, 79-85.	21.0	381
74	Photonic polymer multilayers for colorimetric radiation sensing. Sensors and Actuators B: Chemical, 2015, 208, 85-89.	7.8	3
75	Fluorescence imaging of nanoscale domains in polymer blends using stochastic optical reconstruction microscopy (STORM). Optics Express, 2014, 22, 8438.	3.4	30
76	Osmotically Driven Formation of Double Emulsions Stabilized by Amphiphilic Block Copolymers. Angewandte Chemie - International Edition, 2014, 53, 8240-8245.	13.8	59
77	Wide Bicontinuous Compositional Windows from Co-Networks Made with Telechelic Macromonomers. ACS Nano, 2014, 8, 12376-12385.	14.6	58
78	Patterning Nanoparticles into Rings by "2-D Pickering Emulsions― ACS Applied Materials & Interfaces, 2014, 6, 4850-4855.	8.0	5
79	Effect of Polymer Chain Folding on the Transition from H- to J-Aggregate Behavior in P3HT Nanofibers. Journal of Physical Chemistry C, 2014, 118, 2229-2235.	3.1	91
80	Edge-defined metric buckling of temperature-responsive hydrogel ribbons and rings. Polymer, 2014, 55, 5908-5914.	3.8	38
81	Controlled formation and disappearance of creases. Materials Horizons, 2014, 1, 207-213.	12.2	32
82	The role of substrate pre-stretch in post-wrinkling bifurcations. Soft Matter, 2014, 10, 6520.	2.7	46
83	Creases on the interface between two soft materials. Soft Matter, 2014, 10, 303-311.	2.7	32
84	Robust polythiophene nanowires cross-linked with functional fullerenes. Journal of Materials Chemistry C, 2014, 2, 9674-9682.	5.5	5
85	Stimuli-responsive buckling mechanics of polymer films. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1441-1461.	2.1	98
86	Reversible, Self Cross-Linking Nanowires from Thiol-Functionalized Polythiophene Diblock Copolymers. ACS Applied Materials & Interfaces, 2014, 6, 7705-7711.	8.0	19
87	Using origami design principles to fold reprogrammable mechanical metamaterials. Science, 2014, 345, 647-650.	12.6	714
88	Mechanically Gated Electrical Switches by Creasing of Patterned Metal/Elastomer Bilayer Films. Advanced Materials, 2014, 26, 4381-4385.	21.0	55
89	Characterization of Heterogeneous Polyacrylamide Hydrogels by Tracking of Single Quantum Dots. Macromolecules, 2014, 47, 741-749.	4.8	57
90	Nonuniform growth and topological defects in the shaping of elastic sheets. Soft Matter, 2014, 10, 6382-6386.	2.7	13

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91	Thermally Reversible Aggregation of Gold Nanoparticles in Polymer Nanocomposites through Hydrogen Bonding. Nano Letters, 2013, 13, 5297-5302.	9.1	67
92	Swelling-driven rolling and anisotropic expansion of striped gel sheets. Soft Matter, 2013, 9, 8264.	2.7	77
93	Tuning Innate Immune Activation by Surface Texturing of Polymer Microparticles: The Role of Shape in Inflammasome Activation. Journal of Immunology, 2013, 190, 3525-3532.	0.8	79
94	Lowâ€Voltage Switching of Crease Patterns on Hydrogel Surfaces. Advanced Materials, 2013, 25, 5555-5559.	21.0	35
95	Thermally responsive rolling of thin gel strips with discrete variations in swelling. Soft Matter, 2012, 8, 2375.	2.7	179
96	Surface Energy as a Barrier to Creasing of Elastomer Films: An Elastic Analogy to Classical Nucleation. Physical Review Letters, 2012, 109, 038001.	7.8	71
97	Promoting Network Formation in Nanorod-filled Binary Blends. Materials Research Society Symposia Proceedings, 2012, 1411, 75.	0.1	0
98	Gelation of Copolymers with Pendent Benzophenone Photo-Cross-Linkers. Macromolecules, 2012, 45, 5237-5246.	4.8	92
99	Creasing instability of elastomer films. Soft Matter, 2012, 8, 1301-1304.	2.7	114
100	Kinetic stabilities of bis-terpyridine complexes with iron(ii) and cobalt(ii) in organic solvent environments. Journal of Materials Chemistry, 2012, 22, 21366.	6.7	23
101	Probing Inter- and Intrachain Exciton Coupling in Isolated Poly(3-hexylthiophene) Nanofibers: Effect of Solvation and Regioregularity. Journal of Physical Chemistry Letters, 2012, 3, 1674-1679.	4.6	55
102	Photonic Multilayer Sensors from Photo rosslinkable Polymer Films. Advanced Materials, 2012, 24, 6100-6104.	21.0	95
103	Substituent effects on the stabilities of polymeric and small molecule bis-terpyridine complexes. Polymer Chemistry, 2012, 3, 1221.	3.9	20
104	Mimicking dynamic in vivo environments with stimuli-responsive materials for cell culture. Trends in Biotechnology, 2012, 30, 426-439.	9.3	103
105	Growth of Polythiophene/Perylene Tetracarboxydiimide Donor/Acceptor Shish-Kebab Nanostructures by Coupled Crystal Modification. ACS Nano, 2012, 6, 10924-10929.	14.6	65
106	Nanocomposite "Superhighways―by Solution Assembly of Semiconductor Nanostructures with Ligandâ€Functionalized Conjugated Polymers. Advanced Materials, 2012, 24, 2254-2258.	21.0	59
107	Multifunctional Nanoparticleâ€Loaded Spherical and Wormlike Micelles Formed by Interfacial Instabilities. Advanced Materials, 2012, 24, 2735-2741.	21.0	83
108	Fabrication of Co ontinuous Nanostructured and Porous Polymer Membranes: Spinodal Decomposition of Homopolymer and Random Copolymer Blends. Angewandte Chemie - International Edition, 2012, 51, 4089-4094.	13.8	38

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109	Local Switching of Chemical Patterns through Lightâ€Triggered Unfolding of Creased Hydrogel Surfaces. Angewandte Chemie - International Edition, 2012, 51, 7146-7149.	13.8	77
110	Designing Responsive Buckled Surfaces by Halftone Gel Lithography. Science, 2012, 335, 1201-1205.	12.6	727
111	Interfacial tension of evaporating emulsion droplets containing amphiphilic block copolymers: Effects of solvent and polymer composition. Journal of Colloid and Interface Science, 2012, 365, 275-279.	9.4	48
112	Nanoparticle‣tabilized Double Emulsions and Compressed Droplets. Angewandte Chemie - International Edition, 2012, 51, 145-149.	13.8	34
113	Kinetically Trapped Co-continuous Polymer Morphologies through Intraphase Gelation of Nanoparticles. Nano Letters, 2011, 11, 1997-2003.	9.1	107
114	Assembly of Poly(3-hexylthiophene)/CdSe Hybrid Nanowires by Cocrystallization. Macromolecules, 2011, 44, 1768-1770.	4.8	40
115	Cross-Linked Conjugated Polymer Fibrils: Robust Nanowires from Functional Polythiophene Diblock Copolymers. Chemistry of Materials, 2011, 23, 4250-4256.	6.7	54
116	Hierarchical Helical Assembly of Conjugated Poly(3-hexylthiophene)- <i>block</i> -poly(3-triethylene) Tj ETQq0 0 (D rgBT/Ov	erlock 10 Tf 5
117	Proton conduction in discotic mesogens. Chemical Communications, 2011, 47, 5566-5568.	4.1	28
118	Enhancement of anhydrous proton transport by supramolecular nanochannels in comb polymers. Nature Chemistry, 2010, 2, 503-508.	13.6	148
119	Dynamic display of biomolecular patterns throughÂanÂelastic creasing instability of stimuli-responsive hydrogels. Nature Materials, 2010, 9, 159-164.	27.5	241
120	Surface Creasing Instability of Soft Polyacrylamide Cell Culture Substrates. Biophysical Journal, 2010, 99, L94-L96.	0.5	72
121	Solvent-Driven Evolution of Block Copolymer Morphology under 3D Confinement. Macromolecules, 2010, 43, 7807-7812.	4.8	127
122	Synthesis of End-Functionalized Polystyrene by Direct Nucleophilic Addition of Polystyryllithium to Bipyridine or Terpyridine. Macromolecules, 2010, 43, 3249-3255.	4.8	9
123	Tailored Assemblies of Block Copolymers in Solution: It Is All about the Process. Macromolecules, 2010, 43, 3577-3584.	4.8	474
124	Nucleation, growth, and hysteresis of surface creases on swelled polymer gels. Soft Matter, 2010, 6, 5807.	2.7	77
125	Poroelastic swelling kinetics of thin hydrogel layers: comparison of theory and experiment. Soft Matter, 2010, 6, 6004.	2.7	186
126	Control of internal (2D and 3D hexagonal) mesostructure and particle morphology of spherical mesoporous silica particles using the emulsion and solvent evaporation (ESE) method. Microporous and Mesoporous Materials, 2009, 120, 359-367.	4.4	9

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127	Tuning the assembly of amphiphilic block copolymers through instabilities of solvent/water interfaces in the presence of aqueous surfactants. Soft Matter, 2009, 5, 2471.	2.7	73
128	Hierarchically Structured Microparticles Formed by Interfacial Instabilities of Emulsion Droplets Containing Amphiphilic Block Copolymers. Angewandte Chemie - International Edition, 2008, 47, 2113-2116.	13.8	108
129	Surface Wrinkles for Smart Adhesion. Advanced Materials, 2008, 20, 711-716.	21.0	451
130	Creasing instability of surface-attached hydrogels. Soft Matter, 2008, 4, 564.	2.7	247
131	Wormlike Micelles with Microphase-Separated Cores from Blends of Amphiphilic AB and Hydrophobic BC Diblock Copolymers. Macromolecules, 2008, 41, 7794-7797.	4.8	53
132	Spontaneous Generation of Amphiphilic Block Copolymer Micelles with Multiple Morphologies through Interfacial Instabilities. Journal of the American Chemical Society, 2008, 130, 7496-7502.	13.7	191
133	Dewetting Instability during the Formation of Polymersomes from Block-Copolymer-Stabilized Double Emulsions. Langmuir, 2006, 22, 4457-4461.	3.5	155
134	Single-Crystal Mesoporous Silica Ribbons. Angewandte Chemie - International Edition, 2005, 44, 332-336.	13.8	50
135	Crosslinked Poly(styrene)-block-Poly(2-vinylpyridine) Thin Films as Swellable Templates for Mesostructured Silica and Titania. Advanced Materials, 2005, 17, 2591-2595.	21.0	72
136	Shear Rheology of Lyotropic Liquid Crystals: A Case Study. Langmuir, 2005, 21, 3322-3333.	3.5	317
137	Template Cross-Linking Effects on Morphologies of Swellable Block Copolymer and Mesostructured Silica Thin Films. Macromolecules, 2005, 38, 7768-7783.	4.8	71
138	Structure of a Surfactant-Templated Silicate Framework in the Absence of 3D Crystallinity. Journal of the American Chemical Society, 2004, 126, 9425-9432.	13.7	96
139	Thin Films of Bicontinuous Cubic Mesostructured Silica Templated by a Nonionic Surfactant. Langmuir, 2004, 20, 5998-6004.	3.5	54
140	Mesostructured Silica/Block Copolymer Composites as Hosts for Optically Limiting Tetraphenylporphyrin Dye Molecules. Journal of Physical Chemistry B, 2004, 108, 11909-11914.	2.6	29
141	Ordering and Melting of Block Copolymer Spherical Domains in 2 and 3 Dimensions. Macromolecules, 2003, 36, 3272-3288.	4.8	161
142	General Predictive Syntheses of Cubic, Hexagonal, and Lamellar Silica and Titania Mesostructured Thin Films§. Chemistry of Materials, 2002, 14, 3284-3294.	6.7	666
143	The current role of mesostructures in composite materials and device fabrication. Microporous and Mesoporous Materials, 2001, 44-45, 619-624.	4.4	56
144	Electrophoretic assembly of colloidal crystals with optically tunable micropatterns. Nature, 2000, 404. 56-59.	27.8	561

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145	Excluded-Volume Effects in Polymer Solutions. 2. Comparison of Experimental Results with Numerical Simulation Data. Macromolecules, 1999, 32, 3510-3517.	4.8	59
146	Excluded Volume Effects in Polymer Solutions. 1. Dilute Solution Properties of Linear Chains in Good and I' Solvents. Macromolecules, 1999, 32, 3502-3509.	4.8	44