

Thomas P Russell

List of Publications by Year in descending order

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1,004
papers

88,634
citations

179

147
h-index

591

254
g-index

1055
all docs

1055
docs citations

1055
times ranked

44270
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed Nanosphere Assemblies at a Liquid-Liquid Interface. <i>Small</i> , 2024, 20, .	10.9	0
2	On the Interfacial Assembly of Anisotropic Amphiphilic Janus Particles. <i>Advanced Functional Materials</i> , 2024, 34, .	16.0	1
3	Flexible, transparent, and sustainable cellulose-based films for organic solar cell substrates. <i>Materials Horizons</i> , 2024, 11, 1560-1566.	12.4	1
4	Phase Behavior of Charged Star Block Copolymers at Fluids Interface. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.2	3
5	Janus bottlebrush compatibilizers. <i>Soft Matter</i> , 2024, 20, 1554-1564.	2.8	3
6	Reconfigurable droplet networks. <i>Nature Communications</i> , 2024, 15, .	12.8	2
7	Self-Propulsion by Directed Explosive Emulsification. <i>Advanced Materials</i> , 2024, 36, .	23.6	4
8	Conjugated Zwitterionic Oligomers as Ligands on Perovskite Nanocrystals: Hybrid Structures with Tunable Interparticle Spacing. <i>Journal of the American Chemical Society</i> , 2024, 146, 8189-8197.	14.1	2
9	Oversaturating Liquid Interfaces with Nanoparticle-Surfactants. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.2	1
10	Oversaturating Liquid Interfaces with Nanoparticle-Surfactants. <i>Angewandte Chemie</i> , 2024, 136, .	2.1	0
11	3D Printing of Aqueous Two-Phase Systems with Linear and Bottlebrush Polyelectrolytes. <i>Angewandte Chemie</i> , 2024, 136, .	2.1	0
12	Bottlebrush Block Copolymers at the Interface of Immiscible Liquids: Adsorption and Lateral Packing. <i>Journal of the American Chemical Society</i> , 2024, 146, 13000-13009.	14.1	1
13	Optimization and statistical analysis of the effect of main operation conditions on the physical characteristics of solid and hollow cylindrical pellets. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 3693-3718.	4.5	2
14	3D Printing of Ultralow-Concentration 2D Nanomaterial Inks for Multifunctional Architectures. <i>Nano Letters</i> , 2023, 23, 155-162.	9.2	34
15	Zwitterionic Sulfonium Sulfonate Polymers: Impacts of Substituents and Inverted Dipole. <i>Macromolecules</i> , 2023, 56, 1105-1110.	4.9	5
16	Repairable Macroscopic Monodomain Arrays from Block Copolymers Enabled by Photoplastic and Photodielectric Effects. <i>ACS Nano</i> , 2023, 17, 8367-8375.	14.9	5
17	Ballistic Ejection of Microdroplets from Overpacked Interfacial Assemblies. <i>Advanced Functional Materials</i> , 2023, 33, .	16.0	5
18	Using Grazing-Incidence Small-Angle Neutron Scattering to Study the Orientation of Block Copolymer Morphologies in Thin Films. <i>Macromolecules</i> , 2023, 56, 2418-2428.	4.9	6

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19	Batch-Reproducible and Thickness-Insensitive Mesopolymer Zwitterion Interlayers for Organic Solar Cells. ACS Energy Letters, 2023, 8, 2689-2698.	17.8	17
20	Stabilizing Liquids Using Interfacial Supramolecular Assemblies. Angewandte Chemie - International Edition, 2023, 62, .	14.2	6
21	Open millifluidics based on powder-encased channels. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.4	3
22	Relaxing Wrinkles in Jammed Interfacial Assemblies. Angewandte Chemie - International Edition, 2023, 62, .	14.2	3
23	Bottlebrush Polymers at Liquid Interfaces: Assembly Dynamics, Mechanical Properties, and All-Liquid Printed Constructs. ACS Nano, 2023, 17, 14731-14741.	14.9	20
24	Rational Organic Subcell Engineering Enables Efficient Organic-Perovskite Tandem Solar Cells. ACS Energy Letters, 2023, 8, 4514-4523.	17.8	2
25	Star Block Copolymers at Homopolymer Interfaces: Conformation and Compatibilization. Macromolecules, 2023, 56, 8308-8322.	4.9	6
26	Evidence for Enhanced Tracer Diffusion in Densely Packed Interfacial Assemblies of Hairy Nanoparticles. Nano Letters, 2023, 23, 10383-10390.	9.2	0
27	Reversible Emulsions from Polyoxometalate-Polymer: A Robust Strategy to Cyclic Emulsion Catalysis and High-Internal-Phase Emulsion Materials. Journal of the American Chemical Society, 2023, 145, 25431-25439.	14.1	4
28	Amphiphilic Heterografted Molecular Bottlebrushes with Tertiary Amine-Containing Side Chains as Efficient and Robust pH-Responsive Emulsifiers. Angewandte Chemie - International Edition, 2023, 62, .	14.2	3
29	Amphiphilic Heterografted Molecular Bottlebrushes with Tertiary Amine-Containing Side Chains as Efficient and Robust pH-Responsive Emulsifiers. Angewandte Chemie, 2023, 135, .	2.1	0
30	Functional Janus structured liquids and aerogels. Nature Communications, 2023, 14, .	12.8	15
31	Laser-Induced Recoverable Fluorescence Quenching of Perovskite Films at a Microscopic Grain Scale. Energy and Environmental Materials, 2022, 5, 1189-1199.	12.9	3
32	3D effects in two-phase steady-state tests. Journal of Petroleum Science and Engineering, 2022, 208, 109533.	4.2	5
33	Nanoparticle/Polyelectrolyte Complexes for Biomimetic Constructs. Advanced Functional Materials, 2022, 32, 2108895.	16.0	17
34	Analytical solution for large-deposit non-linear reactive flows in porous media. Chemical Engineering Journal, 2022, 430, 132812.	12.7	3
35	Manipulating the Crystalline Morphology in the Nonfullerene Acceptor Mixture to Improve the Carrier Transport and Suppress the Energetic Disorder. Small Science, 2022, 2, 2100092.	10.4	5
36	Hysteresis-Free Nanoparticle-Reinforced Hydrogels. Advanced Materials, 2022, 34, e2108243.	23.6	116

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37	Layer-by-Layer Engineered All-Liquid Microfluidic Chips for Enzyme Immobilization. <i>Advanced Materials</i> , 2022, 34, e2105386.	23.6	33
38	Continuous, autonomous subsurface cargo shuttling by nature-inspired meniscus-climbing systems. <i>Nature Chemistry</i> , 2022, 14, 208-215.	13.7	17
39	Visualizing Assembly Dynamics of All-Liquid 3D Architectures. <i>Small</i> , 2022, 18, e2105017.	10.9	6
40	A simple, efficient route to modify the properties of epoxy dynamic polymer networks. <i>Soft Matter</i> , 2022, 18, 382-389.	2.8	4
41	The Assembly and Jamming of Nanoparticle Surfactants at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.2	26
42	Introducing Heusler intermetallics for synergic effect of grain refinement and precipitation strengthening in high-strength low-alloy steels. <i>Journal of Alloys and Compounds</i> , 2022, 904, 163885.	5.6	5
43	Chemical Polishing of Perovskite Surface Enhances Photovoltaic Performances. <i>Journal of the American Chemical Society</i> , 2022, 144, 1700-1708.	14.1	113
44	The Assembly and Jamming of Nanoparticle Surfactants at Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	19
45	Zwitterionic Ammonium Sulfonate Polymers: Synthesis and Properties in Fluids. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100678.	4.3	4
46	Interfacial Assembly of Graphene Oxide: From Super Elastic Interfaces to Liquid-Liquid Printing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	4.0	16
47	Electroactive Ionenes: Efficient Interlayer Materials in Organic Photovoltaics. <i>Accounts of Chemical Research</i> , 2022, 55, 1097-1108.	15.7	21
48	Structured-Liquid Batteries. <i>Journal of the American Chemical Society</i> , 2022, 144, 3979-3988.	14.1	17
49	Dynamic Reconfiguration of Compressed 2D Nanoparticle Monolayers. <i>ACS Nano</i> , 2022, 16, 5496-5506.	14.9	11
50	Reconfiguration and Reorganization of Bottlebrush Polymer Surfactants. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	2
51	Reconfiguration and Reorganization of Bottlebrush Polymer Surfactants. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.2	18
52	In Situ Hydrolysis of Block Copolymers at the Water-Oil Interface. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.2	9
53	Polyoxometalate-Surfactant Assemblies: Responsiveness to Orthogonal Stimuli. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	4
54	International Guidelines for Hypertension: Resemblance, Divergence and Inconsistencies. <i>Journal of Clinical Medicine</i> , 2022, 11, 1975.	2.5	3

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55	Polyoxometalate-Surfactant Assemblies: Responsiveness to Orthogonal Stimuli. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.2	39
56	Financial inclusion through digitalisation: Economic viability for the bottom of the pyramid (BOP) segment. <i>Journal of Business Research</i> , 2022, 148, 262-276.	10.4	25
57	Homogenizing Blends of Cross-linked Polymers by Interfacial Exchange Reactions. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 27309-27316.	8.1	9
58	Relaxation and Aging of Nanosphere Assemblies at a Water-Oil Interface. <i>ACS Nano</i> , 2022, 16, 8967-8973.	14.9	12
59	Guest editorial: Editorial for special issue on the role of big data on the transition to circular economy and sustainable operations management. <i>Journal of Enterprise Information Management</i> , 2022, 35, 949-954.	7.6	4
60	Reconfigurable Liquids Constructed by Pillar[6]arene-Based Nanoparticle Surfactants. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.2	16
61	High-Performance 1 cm ² Perovskite-Organic Tandem Solar Cells with a Solvent-Resistant and Thickness-Insensitive Interconnecting Layer. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29896-29904.	8.1	5
62	Shape-Reconfigurable Ferrofluids. <i>Nano Letters</i> , 2022, 22, 5538-5543.	9.2	19
63	Circularity in mixed-plastic chemical recycling enabled by variable rates of polydiketoenamine hydrolysis. <i>Science Advances</i> , 2022, 8, .	10.7	32
64	Aquabots. <i>ACS Nano</i> , 2022, 16, 13761-13770.	14.9	14
65	Nonconjugated Self-Doped Polymer Zwitterions as Efficient Interlayers for High Performance Organic Solar Cells. <i>Chemistry of Materials</i> , 2022, 34, 7293-7301.	6.8	11
66	Enabling full-scale grain boundary mitigation in polycrystalline perovskite solids. <i>Science Advances</i> , 2022, 8, .	10.7	47
67	MXene-Based Porous Monoliths. <i>Nanomaterials</i> , 2022, 12, 3792.	4.1	4
68	Interfacial Assembly and Jamming of Soft Nanoparticle Surfactants into Colloidosomes and Structured Liquids. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 54287-54292.	8.1	10
69	Unexpected Elasticity in Assemblies of Glassy Supra-Nanoparticle Clusters. <i>Angewandte Chemie</i> , 2021, 133, 4944-4950.	2.1	7
70	Bifunctional Bis-benzophenone as A Solid Additive for Non-Fullerene Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2008699.	16.0	14
71	Unexpected Elasticity in Assemblies of Glassy Supra-Nanoparticle Clusters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4894-4900.	14.2	42
72	Polymers with advanced architectures as emulsifiers for multi-functional emulsions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1205-1220.	5.8	26

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73	Surfactant-Induced Interfacial Aggregation of Porphyrins for Structuring Color-Tunable Liquids. <i>Angewandte Chemie</i> , 2021, 133, 2907-2912.	2.1	4
74	Genetically Encoded and Biologically Produced All-DNA Nanomedicine Based on One-Pot Assembly of DNA Dendrimers for Targeted Gene Regulation. <i>Angewandte Chemie</i> , 2021, 133, 5437-5445.	2.1	2
75	Uncertainties associated with laboratory-based predictions of well index and formation damage. Measurement: <i>Journal of the International Measurement Confederation</i> , 2021, 170, 108731.	5.1	2
76	Dichlorinated Dithienylethene-Based Copolymers for Air-Stable n-Type Conductivity and Thermoelectricity. <i>Advanced Functional Materials</i> , 2021, 31, 2005901.	16.0	52
77	Surfactant-Induced Interfacial Aggregation of Porphyrins for Structuring Color-Tunable Liquids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2871-2876.	14.2	15
78	Reduction of Expanded Cyclooctatetraene with Lithium: Stabilization of the Tetra-Anion through Internal Li ⁺ Coordination. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3510-3514.	14.2	19
79	Nanoparticle surfactants and structured liquids. <i>Colloid and Polymer Science</i> , 2021, 299, 523-536.	2.1	30
80	Buried Interfaces in Halide Perovskite Photovoltaics. <i>Advanced Materials</i> , 2021, 33, e2006435.	23.6	262
81	Manipulating the Crystallization Kinetics by Additive Engineering toward High-Efficient Photovoltaic Performance. <i>Advanced Functional Materials</i> , 2021, 31, 2009103.	16.0	22
82	Ferromagnetic liquid droplets with adjustable magnetic properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.4	17
83	Using Preformed Meisenheimer Complexes as Dopants for n-Type Organic Thermoelectrics with High Seebeck Coefficients and Power Factors. <i>Advanced Functional Materials</i> , 2021, 31, 2010567.	16.0	29
84	Solvent-Induced Assembly of Microbial Protein Nanowires into Superstructured Bundles. <i>Biomacromolecules</i> , 2021, 22, 1305-1311.	5.5	7
85	Nanomechanical and Chemical Mapping of the Structure and Interfacial Properties in Immiscible Ternary Polymer Systems. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 651-658.	3.1	5
86	Interfacial Reaction Induced Disruption and Dissolution of Dynamic Polymer Networks. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100023.	4.3	7
87	Redox-Responsive, Reconfigurable All-Liquid Constructs. <i>Journal of the American Chemical Society</i> , 2021, 143, 3719-3722.	14.1	61
88	Visualizing Interfacial Jamming Using an Aggregation-Induced-Emission Molecular Reporter. <i>Angewandte Chemie</i> , 2021, 133, 8776-8781.	2.1	4
89	High-Efficiency Organic Photovoltaics using Eutectic Acceptor Fibrils to Achieve Current Amplification. <i>Advanced Materials</i> , 2021, 33, e2007177.	23.6	129
90	Visualizing Interfacial Jamming Using an Aggregation-Induced-Emission Molecular Reporter. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8694-8699.	14.2	24

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91	Near-complete depolymerization of polyesters with nano-dispersed enzymes. <i>Nature</i> , 2021, 592, 558-563.	35.3	162
92	Dielectric screening in perovskite photovoltaics. <i>Nature Communications</i> , 2021, 12, 2479.	12.8	116
93	Boltzmann's colloidal transport in porous media with velocity-dependent capture probability. <i>Physics of Fluids</i> , 2021, 33, .	3.9	5
94	Interfacial stabilization for inverted perovskite solar cells with long-term stability. <i>Science Bulletin</i> , 2021, 66, 991-1002.	10.8	55
95	Host-Guest Molecular Recognition at Liquid-Liquid Interfaces. <i>Engineering</i> , 2021, 7, 603-614.	7.2	27
96	Genetic Association of a Gain-of-Function <i>IFNGR1</i> Polymorphism and the Intergenic Region <i>LNCAROD/DKK1</i> With Behçet's Disease. <i>Arthritis and Rheumatology</i> , 2021, 73, 1244-1252.	6.6	21
97	Gated Molecular Diffusion at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17394-17397.	14.2	30
98	Gated Molecular Diffusion at Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2021, 133, 17534-17537.	2.1	9
99	The heart of dystrophinopathies. <i>European Journal of Heart Failure</i> , 2021, 23, 1287-1289.	7.3	1
100	Molecular Brush Surfactants: Versatile Emulsifiers for Stabilizing and Structuring Liquids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19626-19630.	14.2	31
101	Have Dutch Hospitals Saved Lives and Reduced Costs? A longitudinal patient-level analysis over the years 2013-2017. <i>Health Economics (United Kingdom)</i> , 2021, 30, 2399-2408.	1.8	2
102	Conductive Ionenes Promote Interfacial Self-Doping for Efficient Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41810-41817.	8.1	21
103	Characteristics of Non-Fullerene Acceptor-Based Organic Photovoltaic Active Layers Using X-ray Scattering and Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15863-15871.	3.2	3
104	Molecular Brush Surfactants: Versatile Emulsifiers for Stabilizing and Structuring Liquids. <i>Angewandte Chemie</i> , 2021, 133, 19778-19782.	2.1	14
105	Review-Opportunities in Single Event Effects in Radiation-Exposed SiC and GaN Power Electronics. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 075004.	1.8	20
106	The Buckling Spectra of Nanoparticle Surfactant Assemblies. <i>Nano Letters</i> , 2021, 21, 7116-7122.	9.2	12
107	Biobased Dynamic Polymer Networks with Rapid Stress Relaxation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11091-11099.	6.7	43
108	Imidazole-Functionalized Imide Interlayers for High Performance Organic Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 3228-3235.	17.8	75

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109	Optimizing Vertical Crystallization for Efficient Perovskite Solar Cells by Buried Composite Layers. <i>Solar Rrl</i> , 2021, 5, 2100457.	5.9	14
110	Single-layered organic photovoltaics with double cascading charge transport pathways: 18% efficiencies. <i>Nature Communications</i> , 2021, 12, 309.	12.8	534
111	Shear-sensitive chain extension of dissolved poly(ethylene oxide) by aluminate ions. <i>Journal of Polymer Science</i> , 2021, 59, 146-152.	4.1	1
112	Responsive Interfacial Assemblies Based on Charge-Transfer Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26363-26367.	14.2	22
113	Responsive Interfacial Assemblies Based on Charge-Transfer Interactions. <i>Angewandte Chemie</i> , 2021, 133, 26567-26571.	2.1	10
114	Fully Biobased Elastomer Composites with Mechanically Robust, Reprocessable, and Biocompatible Properties. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6446-6454.	4.4	9
115	Hydrolysis-Induced Self-Assembly of High- <i>N</i> Bottlebrush Copolymers. <i>Macromolecules</i> , 2021, 54, 11449-11458.	4.9	9
116	Surface modification induced by perovskite quantum dots for triple-cation perovskite solar cells. <i>Nano Energy</i> , 2020, 67, 104189.	16.0	86
117	Conformational Entropy as a Means to Control the Behavior of Poly(diketoenamine) Vitrimers In and Out of Equilibrium. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 735-739.	14.2	68
118	In Situ Electron Microscopy of Poly(ethylene glycol) Crystals Grown in Thin Ionic Liquids Films. <i>Journal of Polymer Science</i> , 2020, 58, 478-486.	4.1	1
119	Enhanced Charge Carrier Transport in 2D Perovskites by Incorporating Single-Walled Carbon Nanotubes or Graphene. <i>ACS Energy Letters</i> , 2020, 5, 109-116.	17.8	20
120	Unraveling the Crystallization Kinetics of 2D Perovskites with Sandwich-Type Structure for High-Performance Photovoltaics. <i>Advanced Materials</i> , 2020, 32, e2002784.	23.6	56
121	Improving Efficiency and Stability of Perovskite Solar Cells Enabled by A Near-Infrared-Absorbing Moisture Barrier. <i>Joule</i> , 2020, 4, 1575-1593.	24.0	102
122	Stabilizing Aqueous Three-Dimensional Printed Constructs Using Chitosan-Cellulose Nanocrystal Assemblies. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55426-55433.	8.1	19
123	Direct observation of nanoparticle-surfactant assembly and jamming at the water-oil interface. <i>Science Advances</i> , 2020, 6, .	10.7	55
124	Butterfly Effects Arising from Starting Materials in Fused-Ring Electron Acceptors. <i>Journal of the American Chemical Society</i> , 2020, 142, 20124-20133.	14.1	96
125	Conductive Thin Films over Large Areas by Supramolecular Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54020-54025.	8.1	2
126	Bidisperse Nanospheres Jammed on a Liquid Surface. <i>ACS Nano</i> , 2020, 14, 10589-10599.	14.9	10

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127	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	2.4	78
128	Spontaneous emulsification induced by nanoparticle surfactants. <i>Journal of Chemical Physics</i> , 2020, 153, 224705.	2.9	9
129	Self-Assembly Behavior of PS- <i>b</i> -P2VP Block Copolymers and Carbon Quantum Dots at Water/Oil Interfaces. <i>Macromolecules</i> , 2020, 53, 10981-10987.	4.9	15
130	Epoxy-polyhedral oligomeric silsesquioxanes (POSS) nanocomposite vitrimers with high strength, toughness, and efficient relaxation. <i>Giant</i> , 2020, 4, 100035.	5.2	36
131	Understanding Hole Extraction of Inverted Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56068-56075.	8.1	21
132	Surface and grain boundary carbon heterogeneity in CH ₃ NH ₃ PbI ₃ perovskites and its impact on optoelectronic properties. <i>Applied Physics Reviews</i> , 2020, 7, .	11.4	10
133	Bimolecular crystal instability and morphology of bulk heterojunction blends in organic and perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11695-11703.	5.4	2
134	Manipulating Film Morphology of All-Polymer Solar Cells by Incorporating Polymer Compatibilizer. <i>Solar Rrl</i> , 2020, 4, 2000148.	5.9	16
135	Polymer-Modified ZnO Nanoparticles as Electron Transport Layer for Polymer-Based Solar Cells. <i>Advanced Functional Materials</i> , 2020, 30, 2002932.	16.0	46
136	Naphthalene-Diimide-Based Ionenes as Universal Interlayers for Efficient Organic Solar Cells. <i>Angewandte Chemie</i> , 2020, 132, 18288-18292.	2.1	15
137	Naphthalene-Diimide-Based Ionenes as Universal Interlayers for Efficient Organic Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18131-18135.	14.2	65
138	Rapid Multilevel Compartmentalization of Stable All-Aqueous Blastosomes by Interfacial Aqueous-Phase Separation. <i>ACS Nano</i> , 2020, 14, 11215-11224.	14.9	25
139	Hanging droplets from liquid surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8360-8365.	7.4	27
140	Perspective: Ferromagnetic Liquids. <i>Materials</i> , 2020, 13, 2712.	2.9	8
141	Low-Bandgap Porphyrins for Highly Efficient Organic Solar Cells: Materials, Morphology, and Applications. <i>Advanced Materials</i> , 2020, 32, e1906129.	23.6	151
142	Polymer design to promote low work function surfaces in organic electronics. <i>Progress in Polymer Science</i> , 2020, 103, 101222.	25.5	51
143	Interfacial Assembly and Jamming of Polyelectrolyte Surfactants: A Simple Route To Print Liquids in Low-Viscosity Solution. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18116-18122.	8.1	57
144	Reconfigurable Liquids Stabilized by DNA Surfactants. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13551-13557.	8.1	28

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145	Janus MXene nanosheets for macroscopic assemblies. <i>Materials Chemistry Frontiers</i> , 2020, 4, 910-917.	5.8	51
146	Understanding the Morphology of High-Performance Solar Cells Based on a Low-Cost Polymer Donor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9537-9544.	8.1	18
147	Comparison of Fused-Ring Electron Acceptors with One- and Multidimensional Conformations. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23976-23983.	8.1	10
148	Soft Polymer Janus Nanoparticles at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12751-12755.	14.2	34
149	A Concise Total Synthesis of (+)-Waihoensene Guided by Quaternary Center Analysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13521-13525.	14.2	41
150	Low-Dimensional Contact Layers for Enhanced Perovskite Photodiodes. <i>Advanced Functional Materials</i> , 2020, 30, 2001692.	16.0	37
151	Soft Polymer Janus Nanoparticles at Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2020, 132, 12851-12855.	2.1	8
152	Fullerene-Based Interlayers for Breaking Energy Barriers in Organic Solar Cells. <i>ChemPlusChem</i> , 2020, 85, 751-759.	3.0	17
153	Photoresponsive Structured Liquids Enabled by Molecular Recognition at Liquid-Liquid Interfaces. <i>Journal of the American Chemical Society</i> , 2020, 142, 8591-8595.	14.1	89
154	Stresses in thin sheets at fluid interfaces. <i>Nature Materials</i> , 2020, 19, 690-693.	25.8	18
155	Size-Dependent Interfacial Assembly of Graphene Oxide at Water-Oil Interfaces. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4835-4842.	2.6	15
156	Global, regional, and country-level estimates of hepatitis C infection among people who have recently injected drugs. <i>Addiction</i> , 2019, 114, 150-166.	4.8	188
157	Poly(oxime-ester) Vitrimers with Catalyst-Free Bond Exchange. <i>Journal of the American Chemical Society</i> , 2019, 141, 13753-13757.	14.1	168
158	Improving the efficiencies of small molecule solar cells by solvent vapor annealing to enhance J-aggregation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9618-9624.	5.4	16
159	Stabilizing Liquids Using Interfacial Supramolecular Polymerization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12112-12116.	14.2	35
160	Stabilizing Liquids Using Interfacial Supramolecular Polymerization. <i>Angewandte Chemie</i> , 2019, 131, 12240-12244.	2.1	11
161	Using a Graphene-Polyelectrolyte Complex Reducing Agent To Promote Cracking in Single-Crystalline Gold Nanoplates. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41602-41610.	8.1	10
162	Enhancing the Performance of a Fused-Ring Electron Acceptor by Unidirectional Extension. <i>Journal of the American Chemical Society</i> , 2019, 141, 19023-19031.	14.1	142

#	ARTICLE	IF	CITATIONS
163	Probing the structural evolution in deformed isoprene rubber by in situ synchrotron X-ray diffraction and atomic force microscopy. <i>Polymer</i> , 2019, 185, 121926.	3.8	16
164	Self-Assembly of MXene-Surfactants at Liquid-Liquid Interfaces: From Structured Liquids to 3D Aerogels. <i>Angewandte Chemie</i> , 2019, 131, 18339-18344.	2.1	14
165	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Double-Active Electrocatalyst toward Efficient Nitrogen Fixation. <i>Angewandte Chemie</i> , 2019, 131, 16591-16596.	2.1	43
166	Self-Assembly of MXene-Surfactants at Liquid-Liquid Interfaces: From Structured Liquids to 3D Aerogels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18171-18176.	14.2	184
167	Configurational Constrained Crystallization of Brush Polymers with Poly(ethylene oxide) Side Chains. <i>Macromolecules</i> , 2019, 52, 592-600.	4.9	21
168	Impact of Electron Energy and Dose on Particle Dynamics Imaging in the Scanning Electron Microscope. <i>Microscopy and Microanalysis</i> , 2019, 25, 1670-1671.	0.4	0
169	Compartmentalized, All-Aqueous Flow-Through-Coordinated Reaction Systems. <i>Chem</i> , 2019, 5, 2678-2690.	11.8	58
170	Two-Step Chemical Transformation of Polystyrene- <i>block</i> -poly(solketal acrylate) Copolymers for Increasing ζ . <i>Macromolecules</i> , 2019, 52, 6458-6466.	4.9	27
171	Mechanical Properties of Solidifying Assemblies of Nanoparticle Surfactants at the Oil-Water Interface. <i>Langmuir</i> , 2019, 35, 13340-13350.	3.6	31
172	High Short-Circuit Current Density via Integrating the Perovskite and Ternary Organic Bulk Heterojunction. <i>ACS Energy Letters</i> , 2019, 4, 2535-2536.	17.8	48
173	Vapor-induced motion of two pure liquid droplets. <i>Soft Matter</i> , 2019, 15, 2135-2139.	2.8	20
174	Synergistic Effects of Side-Chain Engineering and Fluorination on Small Molecule Acceptors to Simultaneously Broaden Spectral Response and Minimize Voltage Loss for 13.8% Efficiency Organic Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1900169.	5.9	22
175	Interfacial Activity of Amine-Functionalized Polyhedral Oligomeric Silsesquioxanes (POSS): A Simple Strategy To Structure Liquids. <i>Angewandte Chemie</i> , 2019, 131, 10248-10253.	2.1	13
176	Interfacial Activity of Amine-Functionalized Polyhedral Oligomeric Silsesquioxanes (POSS): A Simple Strategy To Structure Liquids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10142-10147.	14.2	29
177	Morphological Evolution of Poly(solketal methacrylate)- <i>block</i> -polystyrene Copolymers in Thin Films. <i>Macromolecules</i> , 2019, 52, 3592-3600.	4.9	21
178	Nanorod-Surfactant Assemblies and Their Interfacial Behavior at Liquid-Liquid Interfaces. <i>ACS Macro Letters</i> , 2019, 8, 512-518.	4.7	24
179	Transforming Ionene Polymers into Efficient Cathode Interlayers with Pendent Fullerenes. <i>Angewandte Chemie</i> , 2019, 131, 5733-5737.	2.1	4
180	Building Reconfigurable Devices Using Complex Liquid-Fluid Interfaces. <i>Advanced Materials</i> , 2019, 31, e1806370.	23.6	131

#	ARTICLE	IF	CITATIONS
181	Tuning Oxygen Vacancies in Ultrathin TiO ₂ Nanosheets to Boost Photocatalytic Nitrogen Fixation up to 700 nm. <i>Advanced Materials</i> , 2019, 31, e1806482.	23.6	784
182	Contrasting Chemistry of Block Copolymer Films Controls the Dynamics of Protein Self-Assembly at the Nanoscale. <i>ACS Nano</i> , 2019, 13, 4018-4027.	14.9	19
183	Harnessing liquid-in-liquid printing and micropatterned substrates to fabricate 3-dimensional all-liquid fluidic devices. <i>Nature Communications</i> , 2019, 10, 1095.	12.8	127
184	Transforming Ionene Polymers into Efficient Cathode Interlayers with Pendent Fullerenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5677-5681.	14.2	34
185	One-Dimensional Anomalous Diffusion of Gold Nanoparticles in a Polymer Melt. <i>Physical Review Letters</i> , 2019, 122, 107802.	7.8	15
186	11.2% Efficiency all-polymer solar cells with high open-circuit voltage. <i>Science China Chemistry</i> , 2019, 62, 845-850.	8.5	142
187	In Situ Structure Characterization in Slot-Die-Printed All-Polymer Solar Cells with Efficiency Over 9%. <i>Solar Rrl</i> , 2019, 3, 1900032.	5.9	21
188	High-Performance Perovskite Solar Cells with a Non-doped Small Molecule Hole Transporting Layer. <i>ACS Applied Energy Materials</i> , 2019, 2, 1634-1641.	5.2	28
189	Assessing Pair Interaction Potentials of Nanoparticles on Liquid Interfaces. <i>ACS Nano</i> , 2019, 13, 3075-3082.	14.9	21
190	Interfacial Broadening Kinetics between a Network and a Linear Polymer and Their Composites Prepared by Melt Blending. <i>Macromolecules</i> , 2019, 52, 9759-9765.	4.9	16
191	Orthogonally Aligned Block Copolymer Line Patterns on Minimal Topographic Patterns. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8324-8332.	8.1	15
192	Reconfigurable Microfluidic Droplets Stabilized by Nanoparticle Surfactants. <i>ACS Nano</i> , 2018, 12, 2365-2372.	14.9	65
193	Evidence of tunable macroscopic polarization in perovskite films using photo-Kelvin Probe Force Microscopy. <i>Materials Letters</i> , 2018, 217, 308-311.	2.6	5
194	Wetting, meniscus structure, and capillary interactions of microspheres bound to a cylindrical liquid interface. <i>Soft Matter</i> , 2018, 14, 2131-2141.	2.8	2
195	Chemical and Morphological Control of Interfacial Self-Doping for Efficient Organic Electronics. <i>Advanced Materials</i> , 2018, 30, e1705976.	23.6	56
196	Template Conversion of Covalent Organic Frameworks into 2D Conducting Nanocarbons for Catalyzing Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2018, 30, e1706330.	23.6	160
197	Anti-inflammatory therapy with tumour necrosis factor inhibitors is associated with reduced risk of major adverse cardiovascular events in psoriasis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2018, 32, 1320-1326.	2.5	40
198	Interplay between Ion Transport, Applied Bias, and Degradation under Illumination in Hybrid Perovskite p-i-n Devices. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13986-13994.	3.2	52

#	ARTICLE	IF	CITATIONS
199	Energy-effectively printed all-polymer solar cells exceeding 8.61% efficiency. <i>Nano Energy</i> , 2018, 46, 428-435.	16.0	45
200	Bulk and Surface Morphologies of ABC Miktoarm Star Terpolymers Composed of PDMS, PI, and PMMA Arms. <i>Macromolecules</i> , 2018, 51, 1041-1051.	4.9	19
201	Directed Self-Assembly of Asymmetric Block Copolymers in Thin Films Driven by Uniaxially Aligned Topographic Patterns. <i>ACS Nano</i> , 2018, 12, 1642-1649.	14.9	16
202	Conformation Locking on Fused Ring Electron Acceptor for High Performance Nonfullerene Organic Solar Cells. <i>Advanced Functional Materials</i> , 2018, 28, 1705095.	16.0	122
203	Bayesian network meta-analysis: Efficacy of air insufflation, CO ₂ insufflation, water exchange, and water immersion in colonoscopy. <i>Digestive Endoscopy</i> , 2018, 30, 321-331.	3.1	25
204	Printed Nonfullerene Organic Solar Cells with the Highest Efficiency of 9.5%. <i>Advanced Energy Materials</i> , 2018, 8, 1701942.	21.5	99
205	Evaluation of the Interaction Parameter for Poly(solketal methacrylate)- <i>block</i> -polystyrene Copolymers. <i>Macromolecules</i> , 2018, 51, 1031-1040.	4.9	45
206	Morphological Behavior of A ₂ B Block Copolymers in Thin Films. <i>Macromolecules</i> , 2018, 51, 1181-1188.	4.9	24
207	Tuning microdomain spacing with light using ortho-nitrobenzyl-linked triblock copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 355-361.	2.4	5
208	Chemical Stabilization of Perovskite Solar Cells with Functional Fulleropyrrolidines. <i>ACS Central Science</i> , 2018, 4, 216-222.	11.7	13
209	An Unfused Core-Based Nonfullerene Acceptor Enables High Efficiency Organic Solar Cells with Excellent Morphological Stability at High Temperatures. <i>Advanced Materials</i> , 2018, 30, 1705208.	23.6	404
210	Liquid Letters. <i>Advanced Materials</i> , 2018, 30, 1705800.	23.6	90
211	Digitalizing Self-Assembled Chiral Superstructures for Optical Vortex Processing. <i>Advanced Materials</i> , 2018, 30, 1705865.	23.6	138
212	Synergistic effect of fluorination on both donor and acceptor materials for high performance non-fullerene polymer solar cells with 13.5% efficiency. <i>Science China Chemistry</i> , 2018, 61, 531-537.	8.5	347
213	Reconfigurable Printed Liquids. <i>Advanced Materials</i> , 2018, 30, e1707603.	23.6	145
214	Role of Localized States in Photoluminescence Dynamics of High Optical Gain CsPbBr ₃ Nanocrystals. <i>Advanced Optical Materials</i> , 2018, 6, 1800109.	7.6	88
215	The Interfacial Assembly of Polyoxometalate Nanoparticle Surfactants. <i>Nano Letters</i> , 2018, 18, 2525-2529.	9.2	42
216	Rational design of advanced elastomer nanocomposites towards extremely energy-saving tires based on macromolecular assembly strategy. <i>Nano Energy</i> , 2018, 48, 180-188.	16.0	68

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217	Advances in Atomic Force Microscopy for Probing Polymer Structure and Properties. <i>Macromolecules</i> , 2018, 51, 3-24.	4.9	138
218	High-Performance As-Cast Nonfullerene Polymer Solar Cells with Thicker Active Layer and Large Area Exceeding 11% Power Conversion Efficiency. <i>Advanced Materials</i> , 2018, 30, 1704546.	23.6	236
219	Improved photocurrent and efficiency of non-fullerene organic solar cells despite higher charge recombination. <i>Journal of Materials Chemistry A</i> , 2018, 6, 957-962.	10.3	15
220	Modulation of the power conversion efficiency of organic solar cells <i>via</i> architectural variation of a promising non-fullerene acceptor. <i>Journal of Materials Chemistry A</i> , 2018, 6, 574-582.	10.3	16
221	Overcoming the morphological and efficiency limit in all-polymer solar cells by designing conjugated random copolymers containing a naphtho[1,2- <i>c</i> :5,6- <i>c'</i>]-bis([1,2,5]thiadiazole) moiety. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23295-23300.	10.3	16
222	Fabrication of sub-20 nm patterns using dopamine chemistry in self-aligned double patterning. <i>Nanoscale</i> , 2018, 10, 20779-20784.	5.6	9
223	Guided Assembly of Block Copolymers in Three-Dimensional Woodpile Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42933-42940.	8.1	6
224	Ternary non-fullerene polymer solar cells with a high crystallinity n-type organic semiconductor as the second acceptor. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24814-24822.	10.3	17
225	On the morphological behavior of ABC miktoarm stars containing poly(<i>cis</i> 1,4-isoprene), poly(styrene), and poly(2-vinylpyridine). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1491-1504.	2.4	6
226	Conductive Composite Materials Fabricated from Microbially Produced Protein Nanowires. <i>Small</i> , 2018, 14, e1802624.	10.9	42
227	Highly oriented and ordered microstructures in block copolymer films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1369-1375.	2.4	3
228	Multiple Roles of a Non-fullerene Acceptor Contribute Synergistically for High-Efficiency Ternary Organic Photovoltaics. <i>Joule</i> , 2018, 2, 2154-2166.	24.0	85
229	Efficient Electron Mobility in an All-Acceptor Naphthalenediimide-Bithiazole Polymer Semiconductor with Large Backbone Torsion. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40070-40077.	8.1	17
230	Studies on the 3-Lamellar Morphology of Miktoarm Terpolymers. <i>Macromolecules</i> , 2018, 51, 7491-7499.	4.9	14
231	Phenylene-bridged perylenediimide-porphyrin acceptors for non-fullerene organic solar cells. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2616-2624.	4.7	35
232	AFM nanomechanical mapping and nanothermal analysis reveal enhanced crystallization at the surface of a semicrystalline polymer. <i>Polymer</i> , 2018, 146, 188-195.	3.8	23
233	Atomic Force Microscopy Nanomechanical Mapping Visualizes Interfacial Broadening between Networks Due to Chemical Exchange Reactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 6793-6796.	14.1	51
234	Reversible Surface Patterning by Dynamic Crosslink Gradients: Controlling Buckling in 2D. <i>Advanced Materials</i> , 2018, 30, e1803463.	23.6	47

#	ARTICLE	IF	CITATIONS
235	Efficient and thermally stable all-polymer solar cells based on a fluorinated wide-bandgap polymer donor with high crystallinity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16403-16411.	10.3	26
236	Guiding kinetic trajectories between jammed and unjammed states in 2D colloidal nanocrystal-polymer assemblies with zwitterionic ligands. <i>Science Advances</i> , 2018, 4, eaap8045.	10.7	26
237	Nanoparticle Assembly at Liquid-Liquid Interfaces: From the Nanoscale to Mesoscale. <i>Advanced Materials</i> , 2018, 30, e1800714.	23.6	233
238	Organic Semiconductor Single Crystals for Electronics and Photonics. <i>Advanced Materials</i> , 2018, 30, e1801048.	23.6	331
239	Ternary non-fullerene polymer solar cells with 13.51% efficiency and a record-high fill factor of 78.13%. <i>Energy and Environmental Science</i> , 2018, 11, 3392-3399.	31.3	146
240	Effects of delayed particle detachment on injectivity decline due to fines migration. <i>Journal of Hydrology</i> , 2018, 564, 1099-1109.	5.5	14
241	Confinement Effects on the Crystallization of Poly(3-hydroxybutyrate). <i>Macromolecules</i> , 2018, 51, 5732-5741.	4.9	31
242	A low-bandgap dimeric porphyrin molecule for 10% efficiency solar cells with small photon energy loss. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18469-18478.	10.3	43
243	A Highly Efficient Non-Fullerene Organic Solar Cell with a Fill Factor over 0.80 Enabled by a Fine-Tuned Hole-Transporting Layer. <i>Advanced Materials</i> , 2018, 30, e1801801.	23.6	374
244	Ternary polymer solar cells based-on two polymer donors with similar HOMO levels and an organic acceptor with absorption extending to 850-nm. <i>Organic Electronics</i> , 2018, 62, 89-94.	2.7	10
245	Thickness Dependence of the Young's Modulus of Polymer Thin Films. <i>Macromolecules</i> , 2018, 51, 6764-6770.	4.9	45
246	High-efficiency quaternary polymer solar cells enabled with binary fullerene additives to reduce nonfullerene acceptor optical band gap and improve carriers transport. <i>Science China Chemistry</i> , 2018, 61, 1609-1618.	8.5	29
247	Adaptive Structured Pickering Emulsions and Porous Materials Based on Cellulose Nanocrystal Surfactants. <i>Angewandte Chemie</i> , 2018, 130, 13748-13752.	2.1	25
248	Total Synthesis of Putative Chagosensine. <i>Angewandte Chemie</i> , 2018, 130, 13763-13769.	2.1	4
249	Adaptive Structured Pickering Emulsions and Porous Materials Based on Cellulose Nanocrystal Surfactants. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13560-13564.	14.2	93
250	Combining Fullerenes and Zwitterions in Non-Conjugated Polymer Interlayers to Raise Solar Cell Efficiency. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9675-9678.	14.2	53
251	Combining Fullerenes and Zwitterions in Non-Conjugated Polymer Interlayers to Raise Solar Cell Efficiency. <i>Angewandte Chemie</i> , 2018, 130, 9823-9826.	2.1	6
252	Applying the heteroatom effect of chalcogen for high-performance small-molecule solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3425-3433.	10.3	16

#	ARTICLE	IF	CITATIONS
253	A hemocompatible polyurethane surface having dual fibrinolytic and nitric oxide generating functions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 980-987.	5.8	17
254	1,3-Bis(thieno[3,4- <i>b</i>]thiophen-6-yl)-4- <i>H</i> -thieno[3,4- <i>c</i>]pyrrole-4,6(5- <i>H</i>)-dione-Based Small-Molecule Donor for Efficient Solution-Processed Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6213-6219.	8.1	20
255	High Efficiency Ternary Nonfullerene Polymer Solar Cells with Two Polymer Donors and an Organic Semiconductor Acceptor. <i>Advanced Energy Materials</i> , 2017, 7, 1602215.	21.5	94
256	Highly Efficient Parallel-Like Ternary Organic Solar Cells. <i>Chemistry of Materials</i> , 2017, 29, 2914-2920.	6.8	154
257	Pendant Chain Effect on the Synthesis, Characterization, and Structure-Property Relations of Poly(di- <i>n</i> -alkyl itaconate- <i>co</i> -isoprene) Biobased Elastomers. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5214-5223.	6.7	27
258	Three-dimensional hierarchical metal oxide-carbon electrode materials for highly efficient microbial electrosynthesis. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1171-1176.	4.7	58
259	Orientation transitions during the growth of imine covalent organic framework thin films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5090-5095.	5.4	41
260	Low band-gap conjugated polymer based on diketopyrrolopyrrole units and its application in organic photovoltaic cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10416-10423.	10.3	24
261	50th Anniversary Perspective: Putting the Squeeze on Polymers: A Perspective on Polymer Thin Films and Interfaces. <i>Macromolecules</i> , 2017, 50, 4597-4609.	4.9	71
262	Efficient and 1,8-diiodooctane-free ternary organic solar cells fabricated via nanoscale morphology tuning using small-molecule dye additive. <i>Nano Research</i> , 2017, 10, 3765-3774.	10.3	21
263	In situ dynamic observations of perovskite crystallisation and microstructure evolution intermediated from [PbI ₆] ⁴⁻ cage nanoparticles. <i>Nature Communications</i> , 2017, 8, 15688.	12.8	202
264	Fabrication of compact and stable perovskite films with optimized precursor composition in the fast-growing procedure. <i>Science China Materials</i> , 2017, 60, 608-616.	6.4	12
265	Small-Molecule Solar Cells with Simultaneously Enhanced Short-Circuit Current and Fill Factor to Achieve 11% Efficiency. <i>Advanced Materials</i> , 2017, 29, 1700616.	23.6	88
266	Applying Thienyl Side Chains and Different Ė-Bridge to Aromatic Side-Chain Substituted Indacenodithiophene-Based Small Molecule Donors for High-Performance Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19998-20009.	8.1	9
267	Using block copolymer architecture to achieve sub-10 Ånm periods. <i>Polymer</i> , 2017, 121, 297-303.	3.8	37
268	Effect of Nanoparticle Surfactants on the Breakup of Free-Falling Water Jets during Continuous Processing of Reconfigurable Structured Liquid Droplets. <i>Nano Letters</i> , 2017, 17, 3119-3125.	9.2	49
269	Geometry-Driven Folding of a Floating Annular Sheet. <i>Physical Review Letters</i> , 2017, 118, 048004.	7.8	24
270	In situ grazing incidence small-angle X-ray scattering study of solvent vapor annealing in lamellae-forming block copolymer thin films: Trade-off of defects in deswelling. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 980-989.	2.4	7

#	ARTICLE	IF	CITATIONS
271	Practice requirements for psychotherapeutic treatment of cancer patients in the outpatient setting—A survey among certified psychotherapists in Germany. <i>Psycho-Oncology</i> , 2017, 26, 1093-1098.	2.5	14
272	Efficient Semitransparent Solar Cells with High NIR Responsiveness Enabled by a Small-Bandgap Electron Acceptor. <i>Advanced Materials</i> , 2017, 29, 1606574.	23.6	254
273	Head-to-Head Linkage Containing Dialkoxybithiophene-Based Polymeric Semiconductors for Polymer Solar Cells with Large Open-Circuit Voltages. <i>Macromolecules</i> , 2017, 50, 137-150.	4.9	38
274	26 μm^2 Jsc from organic solar cells with a low-bandgap nonfullerene acceptor. <i>Science Bulletin</i> , 2017, 62, 1494-1496.	10.8	378
275	Insertion of double bond π -bridges of A π -D π -A acceptors for high performance near-infrared polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22588-22597.	10.3	65
276	Donor-Acceptor Conjugated Macrocycles: Synthesis and Host-Guest Coassembly with Fullerene toward Photovoltaic Application. <i>ACS Nano</i> , 2017, 11, 11701-11713.	14.9	66
277	Bicontinuous structured liquids with sub-micrometre domains using nanoparticle surfactants. <i>Nature Nanotechnology</i> , 2017, 12, 1060-1063.	29.6	143
278	Absence of redshift in the direct bandgap of silicon nanocrystals with reduced size. <i>Nature Nanotechnology</i> , 2017, 12, 930-932.	29.6	25
279	Macroscopically ordered hexagonal arrays by directed self-assembly of block copolymers with minimal topographic patterns. <i>Nanoscale</i> , 2017, 9, 14888-14896.	5.6	17
280	Germline bias dictates cross-serotype reactivity in a common dengue-virus-specific CD8 ⁺ T cell response. <i>Nature Immunology</i> , 2017, 18, 1228-1237.	13.6	40
281	Transition in Dynamics as Nanoparticles Jam at the Liquid/Liquid Interface. <i>Nano Letters</i> , 2017, 17, 6855-6862.	9.2	31
282	Isomeric Effects of Solution Processed Ladder-Type Non-Fullerene Electron Acceptors. <i>Solar Rrl</i> , 2017, 1, 1700107.	5.9	45
283	Carboxylated Fullerene at the Oil/Water Interface. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34389-34395.	8.1	30
284	Fine-Tuning Nanoparticle Packing at Water-Oil Interfaces Using Ionic Strength. <i>Nano Letters</i> , 2017, 17, 6453-6457.	9.2	103
285	Interfacial Assembly and Jamming Behavior of Polymeric Janus Particles at Liquid Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33327-33332.	8.1	56
286	Realizing 5.4 nm Full Pitch Lamellar Microdomains by a Solid-State Transformation. <i>Macromolecules</i> , 2017, 50, 7148-7154.	4.9	60
287	Self-Regulated Nanoparticle Assembly at Liquid/Liquid Interfaces: A Route to Adaptive Structuring of Liquids. <i>Langmuir</i> , 2017, 33, 7994-8001.	3.6	46
288	Circumventing UV Light Induced Nanomorphology Disorder to Achieve Long Lifetime PTB7-Th:PCBM Based Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1701201.	21.5	67

#	ARTICLE	IF	CITATIONS
289	Printing Fabrication of Bulk Heterojunction Solar Cells and In Situ Morphology Characterization. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2
290	Role of Ionic Functional Groups on Ion Transport at Perovskite Interfaces. <i>Advanced Energy Materials</i> , 2017, 7, 1701235.	21.5	38
291	Liquid Tubule Formation and Stabilization Using Cellulose Nanocrystal Surfactants. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12594-12598.	14.2	75
292	Approaching Intra- and Interchain Charge Transport of Conjugated Polymers Facilely by Topochemical Polymerized Single Crystals. <i>Advanced Materials</i> , 2017, 29, 1701251.	23.6	114
293	Ternary Solar Cells Based on Two Small Molecule Donors with Same Conjugated Backbone: The Role of Good Miscibility and Hole Relay Process. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29917-29923.	8.1	46
294	Coassembly Kinetics of Graphene Oxide and Block Copolymers at the Water/Oil Interface. <i>Langmuir</i> , 2017, 33, 8961-8969.	3.6	21
295	Nanomechanical Imaging of the Diffusion of Fullerene into Conjugated Polymer. <i>ACS Nano</i> , 2017, 11, 8660-8667.	14.9	24
296	Liquid Tubule Formation and Stabilization Using Cellulose Nanocrystal Surfactants. <i>Angewandte Chemie</i> , 2017, 129, 12768-12772.	2.1	52
297	Chemie, dem Leben verpflichtet. <i>Angewandte Chemie</i> , 2017, 129, 11104-11105.	2.1	0
298	3D Structural Model of High-Performance Non-Fullerene Polymer Solar Cells as Revealed by High-Resolution AFM. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24451-24455.	8.1	2
299	Toward High Efficiency Polymer Solar Cells: Influence of Local Chemical Environment and Morphology. <i>Advanced Energy Materials</i> , 2017, 7, 1601081.	21.5	43
300	Charge Carrier Balance for Highly Efficient Inverted Planar Heterojunction Perovskite Solar Cells Based on Interface Engineering. , 2016, , .		0
301	Multi-Length Scaled Silver Nanowire Grid for Application in Efficient Organic Solar Cells. <i>Advanced Functional Materials</i> , 2016, 26, 4822-4828.	16.0	59
302	Mesoporous PbI ₂ Scaffold for High-Performance Planar Heterojunction Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1501890.	21.5	130
303	The Static Structure and Dynamics of Cadmium Sulfide Nanoparticles within Poly(styrene- <i>b</i> -isoprene) Diblock Copolymer Melts. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 591-598.	2.4	3
304	Understanding Interface Engineering for High-Performance Fullerene/Perovskite Planar Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1501606.	21.5	184
305	An <i>in situ</i> GISAXS study of selective solvent vapor annealing in thin block copolymer films: Symmetry breaking of in-plane sphere order upon deswelling. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 331-338.	2.4	41
306	Structured Liquids with pH-Triggered Reconfigurability. <i>Advanced Materials</i> , 2016, 28, 6612-6618.	23.6	100

#	ARTICLE	IF	CITATIONS
307	A Water-Based Silver Nanowire Screen-Print Ink for the Fabrication of Stretchable Conductors and Wearable Thin-Film Transistors. <i>Advanced Materials</i> , 2016, 28, 5986-5996.	23.6	431
308	Evaluation of Small Molecules as Front Cell Donor Materials for High-Efficiency Tandem Solar Cells. <i>Advanced Materials</i> , 2016, 28, 7008-7012.	23.6	44
309	Multi-Length-Scale Morphologies Driven by Mixed Additives in Porphyrin-Based Organic Photovoltaics. <i>Advanced Materials</i> , 2016, 28, 4727-4733.	23.6	253
310	Reaction: Polymer Chemistries Enabling Cradle-to-Cradle Life Cycles for Plastics. <i>CheM</i> , 2016, 1, 816-818.	11.8	43
311	All polymer solar cells with diketopyrrolopyrrole-polymers as electron donor and a naphthalenediimide-polymer as electron acceptor. <i>RSC Advances</i> , 2016, 6, 35677-35683.	3.7	22
312	Series of Multifluorine Substituted Oligomers for Organic Solar Cells with Efficiency over 9% and Fill Factor of 0.77 by Combination Thermal and Solvent Vapor Annealing. <i>Journal of the American Chemical Society</i> , 2016, 138, 7687-7697.	14.1	214
313	Following the Morphology Formation In Situ in Printed Active Layers for Organic Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1501580.	21.5	86
314	Systematic Fluorination of P3HT: Synthesis of P(3HT- <i>co</i> -3H4FT)s by Direct Arylation Polymerization, Characterization, and Device Performance in OPVs. <i>Macromolecules</i> , 2016, 49, 3028-3037.	4.9	32
315	Synthesis of fluorinated diphenyl-diketopyrrolopyrrole derivatives as new building blocks for conjugated copolymers. <i>Polymer Chemistry</i> , 2016, 7, 3311-3324.	3.9	18
316	Controlling Domain Spacing and Grain Size in Cylindrical Block Copolymer Thin Films by Means of Thermal and Solvent Vapor Annealing. <i>Macromolecules</i> , 2016, 49, 3373-3381.	4.9	67
317	Visualizing the Dynamics of Nanoparticles in Liquids by Scanning Electron Microscopy. <i>ACS Nano</i> , 2016, 10, 6257-6264.	14.9	31
318	Ternary Organic Solar Cells Based on Two Compatible Nonfullerene Acceptors with Power Conversion Efficiency >10%. <i>Advanced Materials</i> , 2016, 28, 10008-10015.	23.6	256
319	Identification of adducin-binding residues on the cytoplasmic domain of erythrocyte membrane protein, band 3. <i>Biochemical Journal</i> , 2016, 473, 3147-3158.	3.7	8
320	A Dynamic Programming Track-Before-Detect Algorithm Based on Local Linearization for Non-Gaussian Clutter Background. <i>Chinese Journal of Electronics</i> , 2016, 25, 583-590.	1.6	17
321	High performance bio-based elastomers: energy efficient and sustainable materials for tires. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13058-13062.	10.3	65
322	High-Performance Polymer Solar Cells Based on a Wide-Bandgap Polymer Containing Pyrrolo[3,4- <i>b</i>]benzotriazole-5,7-dione with a Power Conversion Efficiency of 8.63%. <i>Advanced Science</i> , 2016, 3, 1600032.	12.1	73
323	High-Performance Non-Fullerene Organic Solar Cells Based on a Selenium-Containing Polymer Donor and a Twisted Perylene Bisimide Acceptor. <i>Advanced Science</i> , 2016, 3, 1600117.	12.1	76
324	Poroelastic indentation of mechanically confined hydrogel layers. <i>Soft Matter</i> , 2016, 12, 8049-8058.	2.8	31

#	ARTICLE	IF	CITATIONS
325	Nonfullerene Small Molecular Acceptors with a Three-Dimensional (3D) Structure for Organic Solar Cells. <i>Chemistry of Materials</i> , 2016, 28, 6770-6778.	6.8	57
326	A Polymer Hole Extraction Layer for Inverted Perovskite Solar Cells from Aqueous Solutions. <i>Advanced Energy Materials</i> , 2016, 6, 1600664.	21.5	57
327	Directed Self-Assembly of Block Copolymer Thin Films Using Minimal Topographic Patterns. <i>ACS Nano</i> , 2016, 10, 7915-7925.	14.9	43
328	High-Efficiency Nonfullerene Polymer Solar Cells with Medium Bandgap Polymer Donor and Narrow Bandgap Organic Semiconductor Acceptor. <i>Advanced Materials</i> , 2016, 28, 8288-8295.	23.6	250
329	11% Efficient Ternary Organic Solar Cells with High Composition Tolerance via Integrated Near-IR Sensitization and Interface Engineering. <i>Advanced Materials</i> , 2016, 28, 8184-8190.	23.6	250
330	Charge-Carrier Balance for Highly Efficient Inverted Planar Heterojunction Perovskite Solar Cells. <i>Advanced Materials</i> , 2016, 28, 10718-10724.	23.6	220
331	Conjugated Polymer Zwitterions: Efficient Interlayer Materials in Organic Electronics. <i>Accounts of Chemical Research</i> , 2016, 49, 2478-2488.	15.7	114
332	The Remarkable Character of Porphobilinogen Synthase. <i>Accounts of Chemical Research</i> , 2016, 49, 2509-2517.	15.7	38
333	Efficient Naphthalenediimide-Based Hole Semiconducting Polymer with Vinylene Linkers between Donor and Acceptor Units. <i>Chemistry of Materials</i> , 2016, 28, 8580-8590.	6.8	51
334	New insight of molecular interaction, crystallization and phase separation in higher performance small molecular solar cells via solvent vapor annealing. <i>Nano Energy</i> , 2016, 30, 639-648.	16.0	79
335	An electron-rich 2-alkylthieno[3,4-b]thiophene building block with excellent electronic and morphological tunability for high-performance small-molecule solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17354-17362.	10.3	35
336	A simple small molecule as an acceptor for fullerene-free organic solar cells with efficiency near 8%. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10409-10413.	10.3	105
337	Tuning charge transport from unipolar (n-type) to ambipolar in bis(naphthalene diimide) derivatives by introducing π -conjugated heterocyclic bridging moieties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7230-7240.	5.4	25
338	Self-assembly of nanomaterials at fluid interfaces. <i>European Physical Journal E</i> , 2016, 39, 57.	1.7	61
339	Measuring the Degree of Crystallinity in Semicrystalline Regioregular Poly(3-hexylthiophene). <i>Macromolecules</i> , 2016, 49, 4501-4509.	4.9	94
340	A simple perylene diimide derivative with a highly twisted geometry as an electron acceptor for efficient organic solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10659-10665.	10.3	111
341	Nanomechanical Mapping of a Deformed Elastomer: Visualizing a Self-Reinforcement Mechanism. <i>ACS Macro Letters</i> , 2016, 5, 839-843.	4.7	30
342	High-Performance Inverted Planar Heterojunction Perovskite Solar Cells Based on Lead Acetate Precursor with Efficiency Exceeding 18%. <i>Advanced Functional Materials</i> , 2016, 26, 3508-3514.	16.0	176

#	ARTICLE	IF	CITATIONS
343	Curvature-induced stiffness and the spatial variation of wavelength in wrinkled sheets. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1144-1149.	7.4	91
344	Solution-processed bulk heterojunction solar cells based on porphyrin small molecules with very low energy losses comparable to perovskite solar cells and high quantum efficiencies. Journal of Materials Chemistry C, 2016, 4, 3843-3850.	5.4	40
345	Simultaneous Thermoelectric Property Measurement and Incoherent Phonon Transport in Holey Silicon. ACS Nano, 2016, 10, 124-132.	14.9	105
346	Hydrophilic Conjugated Polymers Prepared by Aqueous Hornerâ€“Wadsworthâ€“Emmons Coupling. Macromolecules, 2016, 49, 2526-2532.	4.9	24
347	High Efficiency Tandem Thin-Perovskite/Polymer Solar Cells with a Graded Recombination Layer. ACS Applied Materials & Interfaces, 2016, 8, 7070-7076.	8.1	120
348	A non-fullerene electron acceptor modified by thiophene-2-carbonitrile for solution-processed organic solar cells. Journal of Materials Chemistry A, 2016, 4, 3777-3783.	10.3	77
349	Multicenter Implementation of a Treatment Bundle for Patients with Sepsis and Intermediate Lactate Values. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1264-1270.	6.3	112
350	Alkylthio substituted thiophene modified benzodithiophene-based highly efficient photovoltaic small molecules. Organic Electronics, 2016, 28, 263-268.	2.7	12
351	Fullerene-free small molecule organic solar cells with a high open circuit voltage of 1.15 V. Chemical Communications, 2016, 52, 465-468.	4.1	79
352	MRS Communications, Polymers and Soft Matter special issue, Part A The functionality of polymers: fundamentals to technology. MRS Communications, 2015, 5, 95-95.	1.8	2
353	Morphology Evolution in Highâ€“Performance Polymer Solar Cells Processed from Nonhalogenated Solvent. Advanced Science, 2015, 2, 1500095.	12.1	60
354	Selective Laser Ablation in Resists and Block Copolymers for High Resolution Lithographic Patterning. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 663-668.	0.5	4
355	Subtle Balance Between Length Scale of Phase Separation and Domain Purification in Smallâ€“Molecule Bulkâ€“Heterojunction Blends under Solvent Vapor Treatment. Advanced Materials, 2015, 27, 6296-6302.	23.6	163
356	Finely Tuned Polymer Interlayers Enhance Solar Cell Efficiency. Angewandte Chemie, 2015, 127, 11647-11651.	2.1	13
357	Spiro Linkage as an Alternative Strategy for Promising Nonfullerene Acceptors in Organic Solar Cells. Advanced Functional Materials, 2015, 25, 5954-5966.	16.0	141
358	Finely Tuned Polymer Interlayers Enhance Solar Cell Efficiency. Angewandte Chemie - International Edition, 2015, 54, 11485-11489.	14.2	110
359	Directed Selfâ€“Assembly of Poly(2â€“vinylpyridine)-b-Polystyrene-b-Poly(2â€“vinylpyridine) Triblock Copolymer with Subâ€“15 nm Spacing Line Patterns Using a Nanoimprinted Photoresist Template. Advanced Materials, 2015, 27, 4364-4370.	23.6	52
360	Dual Functional Zwitterionic Fullerene Interlayer for Efficient Inverted Polymer Solar Cells. Advanced Energy Materials, 2015, 5, 1500405.	21.5	41

#	ARTICLE	IF	CITATIONS
361	Optimizing Light Harvesting Polymers via Side Chain Engineering. <i>Advanced Functional Materials</i> , 2015, 25, 6458-6469.	16.0	33
362	Medium Bandgap Conjugated Polymer for High Performance Polymer Solar Cells Exceeding 9% Power Conversion Efficiency. <i>Advanced Materials</i> , 2015, 27, 7462-7468.	23.6	88
363	Observation of dynamical heterogeneities and their time evolution on the surface of an amorphous polymer. <i>Soft Matter</i> , 2015, 11, 1425-1433.	2.8	25
364	Nanoscale structure and superhydrophobicity of sp ² -bonded boron nitride aerogels. <i>Nanoscale</i> , 2015, 7, 10449-10458.	5.6	42
365	Highly Crystalline Low Band Gap Polymer Based on Thieno[3,4-c]pyrrole-4,6-dione for High-Performance Polymer Solar Cells with a >400 nm Thick Active Layer. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13666-13674.	8.1	45
366	Enhanced crystalline morphology of a ladder-type polymer bulk-heterojunction device by blade-coating. <i>Nanoscale</i> , 2015, 7, 10936-10939.	5.6	10
367	Single-junction polymer solar cells with high efficiency and photovoltage. <i>Nature Photonics</i> , 2015, 9, 174-179.	22.6	1,607
368	Solid Particles Adsorbed on Capillary-Bridge-Shaped Fluid Polystyrene Surfaces. <i>Langmuir</i> , 2015, 31, 5299-5305.	3.6	3
369	A Small Molecule Composed of Dithienopyran and Diketopyrrolopyrrole as Versatile Electron Donor Compatible with Both Fullerene and Nonfullerene Electron Acceptors for High Performance Organic Solar Cells. <i>Chemistry of Materials</i> , 2015, 27, 4865-4870.	6.8	70
370	Using Janus Nanoparticles To Trap Polymer Blend Morphologies during Solvent-Evaporation-Induced Demixing. <i>Macromolecules</i> , 2015, 48, 4220-4227.	4.9	83
371	NDI-Based Small Molecule as Promising Nonfullerene Acceptor for Solution-Processed Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2015, 5, 1500195.	21.5	97
372	The Crystallization of PEDOT:PSS Polymeric Electrodes Probed In Situ during Printing. <i>Advanced Materials</i> , 2015, 27, 3391-3397.	23.6	273
373	Donor-Acceptor Copolymers Based on Thermally Cleavable Indigo, Isoindigo, and DPP Units: Synthesis, Field Effect Transistors, and Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9038-9051.	8.1	72
374	Ethynylene-linked benzo[1,2-b:4,5-b']dithiophene-alt-diketopyrrolopyrrole alternating copolymer: optoelectronic properties, film morphology and photovoltaic applications. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12972-12981.	10.3	17
375	Fluoro-Substituted n-Type Conjugated Polymers for Additive-Free All-Polymer Bulk Heterojunction Solar Cells with High Power Conversion Efficiency of 6.71%. <i>Advanced Materials</i> , 2015, 27, 3310-3317.	23.6	424
376	Indentation of Ultrathin Elastic Films and the Emergence of Asymptotic Isometry. <i>Physical Review Letters</i> , 2015, 114, 014301.	7.8	55
377	A Series of Simple Oligomer-like Small Molecules Based on Oligothiophenes for Solution-Processed Solar Cells with High Efficiency. <i>Journal of the American Chemical Society</i> , 2015, 137, 3886-3893.	14.1	798
378	Anthracene-Based Medium Bandgap Conjugated Polymers for High Performance Polymer Solar Cells Exceeding 8% PCE Without Additive and Annealing Process. <i>Advanced Energy Materials</i> , 2015, 5, 1500065.	21.5	59

#	ARTICLE	IF	CITATIONS
379	Kinetics of Ion Transport in Perovskite Active Layers and Its Implications for Active Layer Stability. <i>Journal of the American Chemical Society</i> , 2015, 137, 13130-13137.	14.1	409
380	Large active layer thickness toleration of high-efficiency small molecule solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22274-22279.	10.3	20
381	Electronic and Morphological Studies of Conjugated Polymers Incorporating a Disk-Shaped Polycyclic Aromatic Hydrocarbon Unit. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20034-20045.	8.1	8
382	Simultaneous spin-coating and solvent annealing: manipulating the active layer morphology to a power conversion efficiency of 9.6% in polymer solar cells. <i>Materials Horizons</i> , 2015, 2, 592-597.	12.4	33
383	A solution-processed high performance organic solar cell using a small molecule with the thieno[3,2-b]thiophene central unit. <i>Chemical Communications</i> , 2015, 51, 15268-15271.	4.1	48
384	Optimal wrapping of liquid droplets with ultrathin sheets. <i>Nature Materials</i> , 2015, 14, 1206-1209.	25.8	63
385	Small Molecules Based on Alkyl/Alkylthio-thieno[3,2-b]thiophene-Substituted Benzo[1,2-c:4,5-b']dithiophene for Solution-Processed Solar Cells with High Performance. <i>Chemistry of Materials</i> , 2015, 27, 8414-8423.	6.8	71
386	Fast Printing and In Situ Morphology Observation of Organic Photovoltaics Using Slot-Die Coating. <i>Advanced Materials</i> , 2015, 27, 886-891.	23.6	118
387	Sequential Deposition: Optimization of Solvent Swelling for High-Performance Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 653-661.	8.1	46
388	Effect of Pendant Functionality in Thieno[3,4-b]thiophene-benzodithiophene Polymers for OPVs. <i>Chemistry of Materials</i> , 2015, 27, 443-449.	6.8	24
389	Tuning the energy gap of conjugated polymer zwitterions for efficient interlayers and solar cells. <i>Journal of Polymer Science Part A</i> , 2015, 53, 327-336.	2.4	22
390	Leadership education, certification and resident outcomes in US nursing homes: Cross-sectional secondary data analysis. <i>International Journal of Nursing Studies</i> , 2015, 52, 334-344.	5.8	26
391	Small-molecule solar cells with efficiency over 9%. <i>Nature Photonics</i> , 2015, 9, 35-41.	22.6	780
392	Comparison of Two D ^π A Type Polymers with Each Being Fluorinated on D and A Unit for High Performance Solar Cells. <i>Advanced Functional Materials</i> , 2015, 25, 120-125.	16.0	113
393	An In Situ Grazing Incidence X-Ray Scattering Study of Block Copolymer Thin Films During Solvent Vapor Annealing. <i>Advanced Materials</i> , 2014, 26, 273-281.	23.6	143
394	Nanoporous Block Copolymer Membranes for Ultrafiltration: A Simple Approach to Size Tunability. <i>ACS Nano</i> , 2014, 8, 11745-11752.	14.9	99
395	Osmotically Driven Formation of Double Emulsions Stabilized by Amphiphilic Block Copolymers. <i>Angewandte Chemie</i> , 2014, 126, 8379-8384.	2.1	8
396	Osmotically Driven Formation of Double Emulsions Stabilized by Amphiphilic Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8240-8245.	14.2	59

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397	Direct 3D Nanoparticle Assemblies in Thin Films via Topographically Patterned Surfaces. <i>Advanced Materials</i> , 2014, 26, 2777-2781.	23.6	17
398	The Good Host: Formation of Discrete One-Dimensional Fullerene "Channels" in Well-Ordered Poly(2,5-bis(3-alkylthiophen-2-yl)thieno[3,2-b]thiophene) Oligomers. <i>Journal of the American Chemical Society</i> , 2014, 136, 18120-18130.	14.1	42
399	Bulk Charge Carrier Transport in Push-Pull Type Organic Semiconductor. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20904-20912.	8.1	23
400	Solvent-Polarity-Induced Active Layer Morphology Control in Crystalline Diketopyrrolopyrrole-Based Low Band Gap Polymer Photovoltaics. <i>Advanced Energy Materials</i> , 2014, 4, 1300834.	21.5	30
401	Understanding the Morphology of PTB7:PCBM Blends in Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2014, 4, 1301377.	21.5	204
402	Bistetracene: An Air-Stable, High-Mobility Organic Semiconductor with Extended Conjugation. <i>Journal of the American Chemical Society</i> , 2014, 136, 9248-9251.	14.1	152
403	A novel complementary absorbing donor-acceptor pair in block copolymers based on single material organic photovoltaics. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2993-2998.	10.3	18
404	Solvent-Assisted Orientation of Poly(3-hexylthiophene)-Functionalized CdSe Nanorods Under an Electric Field. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1647-1653.	2.4	12
405	Molecular Weight Dependence of the Morphology in P3HT:PCBM Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19876-19887.	8.1	108
406	Interpenetrating morphology based on highly crystalline small molecule and PCBM blends. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9368-9374.	5.4	6
407	Robust polythiophene nanowires cross-linked with functional fullerenes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9674-9682.	5.4	5
408	Rapid, facile synthesis of conjugated polymer zwitterions in ionic liquids. <i>Chemical Science</i> , 2014, 5, 2368-2373.	7.5	18
409	Multi-Length Scale Porous Polymers. <i>Advanced Functional Materials</i> , 2014, 24, 1483-1489.	16.0	29
410	Chain Length Dependence of the Photovoltaic Properties of Monodisperse Donor-Acceptor Oligomers as Model Compounds of Polydisperse Low Band Gap Polymers. <i>Advanced Functional Materials</i> , 2014, 24, 7538-7547.	16.0	63
411	Azulene Methacrylate Polymers: Synthesis, Electronic Properties, and Solar Cell Fabrication. <i>Journal of the American Chemical Society</i> , 2014, 136, 11043-11049.	14.1	98
412	Preparation of Low Band Gap Fibrillar Structures by Solvent-Induced Crystallization. <i>ACS Macro Letters</i> , 2014, 3, 30-34.	4.7	23
413	Dynamics of Cadmium Sulfide Nanoparticles within Polystyrene Melts. <i>Macromolecules</i> , 2014, 47, 6483-6490.	4.9	18
414	Multiscale Active Layer Morphologies for Organic Photovoltaics Through Self-Assembly of Nanospheres. <i>Nano Letters</i> , 2014, 14, 5238-5243.	9.2	56

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415	New Form of an Old Natural Dye: Bay-Annulated Indigo (BAI) as an Excellent Electron Accepting Unit for High Performance Organic Semiconductors. <i>Journal of the American Chemical Society</i> , 2014, 136, 15093-15101.	14.1	125
416	Guided crystallization of P3HT in ternary blend solar cell based on P3HT:PCPDTBT:PCBM. <i>Energy and Environmental Science</i> , 2014, 7, 3782-3790.	31.3	62
417	Solvent vapor annealing of block copolymer thin films: removal of processing history. <i>Colloid and Polymer Science</i> , 2014, 292, 1795-1802.	2.1	19
418	Visualization and Quantification of the Chemical and Physical Properties at a Diffusion-Induced Interface Using AFM Nanomechanical Mapping. <i>Macromolecules</i> , 2014, 47, 3761-3765.	4.9	44
419	Effect of Fluorine Content in Thienothiophene-Benzodithiophene Copolymers on the Morphology and Performance of Polymer Solar Cells. <i>Chemistry of Materials</i> , 2014, 26, 3009-3017.	6.8	137
420	Fluorination of Polythiophene Derivatives for High Performance Organic Photovoltaics. <i>Chemistry of Materials</i> , 2014, 26, 4214-4220.	6.8	146
421	Migration From PLC to IEC 61499 Using Semantic Web Technologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2014, 44, 277-291.	9.6	26
422	New Insights into Morphology of High Performance BHJ Photovoltaics Revealed by High Resolution AFM. <i>Nano Letters</i> , 2014, 14, 5727-5732.	9.2	45
423	Dynamic study of polystyrene-block-poly(4-vinylpyridine) copolymer in bulk and confined in cylindrical nanopores. <i>Polymer</i> , 2014, 55, 4057-4066.	3.8	19
424	Demonstration of Feasibility of X-Ray Free Electron Laser Studies of Dynamics of Nanoparticles in Entangled Polymer Melts. <i>Scientific Reports</i> , 2014, 4, 6017.	3.4	42
425	Semi-crystalline random conjugated copolymers with panchromatic absorption for highly efficient polymer solar cells. <i>Energy and Environmental Science</i> , 2013, 6, 3301.	31.3	166
426	An Explicit Formula for the Coefficients in Laplace's Method. <i>Constructive Approximation</i> , 2013, 38, 471-487.	2.9	25
427	Efficient Polymer Solar Cells Based on Benzothiadiazole and Alkylphenyl Substituted Benzodithiophene with a Power Conversion Efficiency over 8%. <i>Advanced Materials</i> , 2013, 25, 4944-4949.	23.6	309
428	Morphologies of ABC Triblock Terpolymer Melts Containing Poly(Cyclohexadiene): Effects of Conformational Asymmetry. <i>Langmuir</i> , 2013, 29, 1995-2006.	3.6	24
429	Macroscopic Vertical Alignment of Nanodomains in Thin Films of Semiconductor Amphiphilic Block Copolymers. <i>ACS Nano</i> , 2013, 7, 6069-6078.	14.9	20
430	Solvent-Assisted Directed Self-Assembly of Spherical Microdomain Block Copolymers to High Areal Density Arrays. <i>Advanced Materials</i> , 2013, 25, 3677-3682.	23.6	23
431	Improved cathode for high efficient microbial-catalyzed reduction in microbial electrosynthesis cells. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 14290.	2.8	153
432	Curie Transitions for Attograms of Ferroelectric Polymers. <i>Nano Letters</i> , 2013, 13, 577-580.	9.2	19

#	ARTICLE	IF	CITATIONS
433	Deviations from bulk morphologies in thin films of block copolymer/additive binary blends. Chinese Journal of Polymer Science (English Edition), 2013, 31, 1250-1259.	3.1	1
434	Efficient Charge Transport in Assemblies of Surfactant-Stabilized Semiconducting Nanoparticles. Advanced Materials, 2013, 25, 6411-6415.	23.6	39
435	Characterization of the morphology of solution-processed bulk heterojunction organic photovoltaics. Progress in Polymer Science, 2013, 38, 1990-2052.	25.5	253
436	Atomic Force Microscopy Nanomechanics Visualizes Molecular Diffusion and Microstructure at an Interface. ACS Macro Letters, 2013, 2, 757-760.	4.7	45
437	Synthesis of Semicrystalline/Fluorinated Side-Chain Crystalline Block Copolymers and Their Bulk and Thin Film Nanoordering. Macromolecules, 2013, 46, 3737-3745.	4.9	24
438	Formation of H* Phase in Chiral Block Copolymers: Effects of Solvents and Solution-Cast Conditions. Macromolecules, 2013, 46, 455-462.	4.9	14
439	Synthesis of pyridine-capped diketopyrrolopyrrole and its use as a building block of low band-gap polymers for efficient polymer solar cells. Chemical Communications, 2013, 49, 8495.	4.1	69
440	Photocleavable Triblock Copolymers Featuring an Activated Ester Middle Block: "One-Step" Synthesis and Application as Locally Reactive Nanoporous Thin Films. ACS Macro Letters, 2013, 2, 966-969.	4.7	31
441	Assembly of Graphene Oxide at Water/Oil Interfaces: Tessellated Nanotiles. Langmuir, 2013, 29, 13407-13413.	3.6	131
442	Cross-Linked Block Copolymer/Ionic Liquid Self-Assembled Blends for Polymer Gel Electrolytes with High Ionic Conductivity and Mechanical Strength. Macromolecules, 2013, 46, 9313-9323.	4.9	87
443	On the Self-Assembly of Brush Block Copolymers in Thin Films. ACS Nano, 2013, 7, 9684-9692.	14.9	97
444	Formation of H* Phase in Chiral Block Copolymers: Morphology Evolution As Revealed by Time-Resolved X-ray Scattering. Macromolecules, 2013, 46, 474-483.	4.9	14
445	Relating Chemical Structure to Device Performance via Morphology Control in Diketopyrrolopyrrole-Based Low Band Gap Polymers. Journal of the American Chemical Society, 2013, 135, 19248-19259.	14.1	123
446	Directed self-assembly of block copolymers in the extreme: guiding microdomains from the small to the large. Soft Matter, 2013, 9, 9059.	2.8	159
447	Conjugated Polymeric Zwitterions as Efficient Interlayers in Organic Solar Cells. Advanced Materials, 2013, 25, 6868-6873.	23.6	94
448	A drop on a floating sheet: boundary conditions, topography and formation of wrinkles. Soft Matter, 2013, 9, 8289.	2.8	26
449	Synthesis and morphology investigations of a novel alkyne-functionalized diblock copolymer. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 78-85.	2.4	4
450	Improved cathode materials for microbial electrosynthesis. Energy and Environmental Science, 2013, 6, 217-224.	31.3	347

#	ARTICLE	IF	CITATIONS
451	Self-Assembly of Symmetric Brush Diblock Copolymers. ACS Nano, 2013, 7, 2551-2558.	14.9	132
452	A route to rapid carbon nanotube growth. Chemical Communications, 2013, 49, 5159.	4.1	38
453	Manipulating Backbone Structure to Enhance Low Band Gap Polymer Photovoltaic Performance. Advanced Energy Materials, 2013, 3, 930-937.	21.5	62
454	Capillary Deformations of Bendable Films. Physical Review Letters, 2013, 111, 014301.	7.8	69
455	Triggered In-situ Disruption and Inversion of Nanoparticle-Stabilized Droplets. Angewandte Chemie - International Edition, 2013, 52, 6620-6623.	14.2	23
456	Functionalized Nanoporous Thin Films and Fibers from Photocleavable Block Copolymers Featuring Activated Esters. Macromolecules, 2013, 46, 5195-5201.	4.9	65
457	Liquid adsorption at surfaces patterned with cylindrical nano-cavities. Soft Matter, 2013, 9, 10550.	2.8	1
458	Pattern transfer using block copolymers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120306.	3.4	68
459	Self-Assembly of Gold Nanoparticles on Gallium Droplets: Controlling Charge Transport through Microscopic Devices. Langmuir, 2013, 29, 13640-13646.	3.6	22
460	A Study on the Correlation Between Structure and Hole Transport in Semi-Crystalline Regioregular P3HT. Advanced Energy Materials, 2013, 3, 263-270.	21.5	54
461	Semaphorin 7a ⁺ Regulatory T Cells Are Associated with Progressive Idiopathic Pulmonary Fibrosis and Are Implicated in Transforming Growth Factor- β -induced Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 180-188.	6.3	111
462	Polymers Find Plenty of Wiggle Room at the Bottom. Science, 2013, 341, 1351-1352.	19.6	18
463	Morphology study on ternary blend polymer solar cell to achieve improved device performance. Proceedings of SPIE, 2013, , .	1.0	0
464	Lattice Deformation and Domain Distortion in the Self-Assembly of Block Copolymer Thin Films on Chemical Patterns. Small, 2013, 9, 779-784.	10.9	6
465	Chirality in Block Copolymer Melts: Mesoscopic Helicity from Intersegment Twist. Physical Review Letters, 2013, 110, 058301.	7.8	39
466	Line Patterns from Cylinder-Forming Photocleavable Block Copolymers. Advanced Materials, 2013, 25, 4690-4695.	23.6	19
467	Triggered In-situ Disruption and Inversion of Nanoparticle-Stabilized Droplets. Angewandte Chemie, 2013, 125, 6752-6755.	2.1	7
468	The Role of Additive in Diketopyrrolopyrrole-Based Small Molecular Bulk Heterojunction Solar Cells. Advanced Materials, 2013, 25, 6519-6525.	23.6	59

#	ARTICLE	IF	CITATIONS
469	Ionic Liquids as Flootation Media for Cryo-Ultramicrotomy of Soft Polymeric Materials. <i>Microscopy and Microanalysis</i> , 2013, 19, 1554-1557.	0.4	3
470	Promoting Network Formation in Nanorod-filled Binary Blends. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1411, 75.	0.1	0
471	Unidirectionally aligned line patterns driven by entropic effects on faceted surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1402-1406.	7.4	89
472	Orienting Block Copolymer Microdomains with Block Copolymer Brushes. <i>ACS Nano</i> , 2012, 6, 10250-10257.	14.9	29
473	Fabrication of Cocontinuous Nanostructured and Porous Polymer Membranes: Spinodal Decomposition of Homopolymer and Random Copolymer Blends. <i>Angewandte Chemie</i> , 2012, 124, 4165-4170.	2.1	7
474	Probing and repairing damaged surfaces with nanoparticle-containing microcapsules. <i>Nature Nanotechnology</i> , 2012, 7, 87-90.	29.6	56
475	Field Emission Tip Array Fabrication Utilizing Geometrical Hindrance in the Oxidation of Si. <i>IEEE Nanotechnology Magazine</i> , 2012, 11, 999-1003.	2.2	12
476	Lamellar microdomain orientation and phase transition of polystyrene-b-poly(methyl methacrylate) films by controlled interfacial interactions. <i>Soft Matter</i> , 2012, 8, 3463.	2.8	30
477	A low band-gap polymer based on unsubstituted benzo[1,2-b:4,5-b']dithiophene for high performance organic photovoltaics. <i>Chemical Communications</i> , 2012, 48, 6933.	4.1	66
478	Disorder-to-order transitions induced by alkyne/azide click chemistry in diblock copolymer thin films. <i>Soft Matter</i> , 2012, 8, 5273.	2.8	3
479	P3HT Nanopillars for Organic Photovoltaic Devices Nanoimprinted by AAO Templates. <i>ACS Nano</i> , 2012, 6, 1479-1485.	14.9	133
480	Orientalional interactions in block copolymer melts: Self-consistent field theory. <i>Journal of Chemical Physics</i> , 2012, 137, 104911.	2.9	23
481	A high mobility conjugated polymer based on dithienothiophene and diketopyrrolopyrrole for organic photovoltaics. <i>Energy and Environmental Science</i> , 2012, 5, 6857.	31.3	173
482	High Density and Large Area Arrays of Silicon Oxide Pillars with Tunable Domain Size for Mask Etch Applications. <i>Advanced Materials</i> , 2012, 24, 5505-5511.	23.6	14
483	High Aspect Ratio Sub-15 nm Silicon Trenches From Block Copolymer Templates. <i>Advanced Materials</i> , 2012, 24, 5688-5694.	23.6	77
484	Morphologies of poly(cyclohexadiene) diblock copolymers: Effect of conformational asymmetry. <i>Polymer</i> , 2012, 53, 5155-5162.	3.8	12
485	Tailoring block copolymer morphologies via alkyne/azide cycloaddition. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 55-64.	2.4	5
486	On the morphology of polymer-based photovoltaics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 1018-1044.	2.4	298

#	ARTICLE	IF	CITATIONS
487	Polymer electronics: Power from polymers. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1013-1013.	2.4	3
488	Efficient Polymer Solar Cells Based on a Low Bandgap Semi-crystalline DPP Polymer-PCBM Blends. Advanced Materials, 2012, 24, 3947-3951.	23.6	210
489	Improving the Ordering and Photovoltaic Properties by Extending Conjugated Area of Electron-Donating Units in Polymers with A Structure. Advanced Materials, 2012, 24, 3383-3389.	23.6	301
490	Controlled Orientation of Block Copolymers on Defect-Free Faceted Surfaces. Advanced Materials, 2012, 24, 4278-4283.	23.6	32
491	Multi-length-scale Morphologies in PCPDTBT/PCBM Bulk-Heterojunction Solar Cells. Advanced Energy Materials, 2012, 2, 683-690.	21.5	172
492	Fabrication of Co-continuous Nanostructured and Porous Polymer Membranes: Spinodal Decomposition of Homopolymer and Random Copolymer Blends. Angewandte Chemie - International Edition, 2012, 51, 4089-4094.	14.2	38
493	Antibody affinity purification using metallic nickel particles. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 895-896, 89-93.	2.4	5
494	Nanoparticle-Stabilized Double Emulsions and Compressed Droplets. Angewandte Chemie, 2012, 124, 149-153.	2.1	5
495	Nanoparticle-Stabilized Double Emulsions and Compressed Droplets. Angewandte Chemie - International Edition, 2012, 51, 145-149.	14.2	35
496	Block copolymer self-assembly in chemically patterned squares. Soft Matter, 2011, 7, 3915.	2.8	46
497	Highly Ordered Nanoporous Template from Triblock Copolymer. ACS Nano, 2011, 5, 1207-1214.	14.9	32
498	Dewetting on Curved Interfaces: A Simple Route to Polymer Nanostructures. Macromolecules, 2011, 44, 8020-8027.	4.9	26
499	Kinetically Trapped Co-continuous Polymer Morphologies through Intrapphase Gelation of Nanoparticles. Nano Letters, 2011, 11, 1997-2003.	9.2	108
500	A Study on the Kinetics of a Disorder-to-Order Transition Induced by Alkyne/Azide Click Reaction. Macromolecules, 2011, 44, 4269-4275.	4.9	11
501	Highly Ordered Nanoporous Thin Films from Photocleavable Block Copolymers. Macromolecules, 2011, 44, 6433-6440.	4.9	97
502	Circular Nanopatterns over Large Areas from the Self-Assembly of Block Copolymers Guided by Shallow Trenches. ACS Nano, 2011, 5, 2855-2860.	14.9	35
503	UV-enhanced Ordering in Azobenzene-Containing Polystyrene-block-Poly(<i>n</i> -Butyl) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	4.9	9
504	Bulk Heterojunction Photovoltaic Active Layers via Bilayer Interdiffusion. Nano Letters, 2011, 11, 2071-2078.	9.2	274

#	ARTICLE	IF	CITATIONS
505	Phase Behavior and Photoresponse of Azobenzene-Containing Polystyrene- <i>block</i> -poly(<i>n</i> -butyl methacrylate) Block Copolymers. <i>Macromolecules</i> , 2011, 44, 1125-1131.	4.9	17
506	P3HT/PCBM Bulk Heterojunction Organic Photovoltaics: Correlating Efficiency and Morphology. <i>Nano Letters</i> , 2011, 11, 561-567.	9.2	564
507	Temperature-Triggered Micellization of Block Copolymers on an Ionic Liquid Surface. <i>Langmuir</i> , 2011, 27, 12443-12450.	3.6	13
508	ABC Triblock Copolymer Vesicles with Mesh-Like Morphology. <i>ACS Nano</i> , 2011, 5, 486-492.	14.9	64
509	Photocontrol over the Disorder-to-Order Transition in Thin Films of Polystyrene- <i>block</i> -poly(methyl methacrylate) Block Copolymers Containing Photodimerizable Anthracene Functionality. <i>Journal of the American Chemical Society</i> , 2011, 133, 17217-17224.	14.1	23
510	Nanopatterning and Functionality of Block Copolymer Thin Films. , 2011, , 401-474.		2
511	Defining the Nanostructured Morphology of Triblock Copolymers Using Resonant Soft X-ray Scattering. <i>Nano Letters</i> , 2011, 11, 3906-3911.	9.2	143
512	Phase transition behavior in thin films of block copolymers by use of immiscible solvent vapors. <i>Soft Matter</i> , 2011, 7, 443-447.	2.8	27
513	Room temperature magnetic materials from nanostructured diblock copolymers. <i>Nature Communications</i> , 2011, 2, 482.	12.8	58
514	Thin Films of Semifluorinated Block Copolymers Prepared by ATRP. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2399-2405.	2.4	7
515	Fabrication of Silicon Oxide Nanodots with an Areal Density Beyond 1 Teradots Inch ² . <i>Advanced Materials</i> , 2011, 23, 5755-5761.	23.6	32
516	Morphological Characterization of a Low-Bandgap Crystalline Polymer:PCBM Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2011, 1, 870-878.	21.5	89
517	Role of semaphorin 7a signaling in transforming growth factor β 2-induced lung fibrosis and scleroderma-related interstitial lung disease. <i>Arthritis and Rheumatism</i> , 2011, 63, 2484-2494.	6.8	86
518	Aligned nanowires and nanodots by directed block copolymer assembly. <i>Nanotechnology</i> , 2011, 22, 305302.	2.6	23
519	Fabrication and field emission study of atomically sharp high-density tungsten nanotip arrays. <i>Journal of Applied Physics</i> , 2010, 108, 036102.	2.3	16
520	Ferritin-Polymer Conjugates: Grafting Chemistry and Integration into Nanoscale Assemblies. <i>Advanced Functional Materials</i> , 2010, 20, 3603-3612.	16.0	36
521	Self-Assembly of Block Copolymers on Flexible Substrates. <i>Advanced Materials</i> , 2010, 22, 1882-1884.	23.6	25
522	Guided Assemblies of Ferritin Nanocages: Highly Ordered Arrays of Monodisperse Nanoscopic Elements. <i>Advanced Materials</i> , 2010, 22, 2583-2587.	23.6	29

#	ARTICLE	IF	CITATIONS
523	Directed Self-Assembly of Block Copolymers on Two-Dimensional Chemical Patterns Fabricated by Electro-Oxidation Nanolithography. <i>Advanced Materials</i> , 2010, 22, 2268-2272.	23.6	55
524	Synthese von Nano-/Mikrostrukturen an fluiden Grenzflächen. <i>Angewandte Chemie</i> , 2010, 122, 10250-10265.	2.1	34
525	Synthesis of Nano/Microstructures at Fluid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 10052-10066.	14.2	191
526	Spatial control of dewetting: Highly ordered Teflon nanospheres. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 416-423.	9.5	22
527	Synthesis and photovoltaic properties of low-bandgap alternating copolymers consisting of 3-hexylthiophene and [1,2,5]thiadiazolo[3,4-g]quinoxaline derivatives. <i>Organic Electronics</i> , 2010, 11, 846-853.	2.7	41
528	Transition behavior of PS-b-PMMA films on the balanced interfacial interactions. <i>Polymer</i> , 2010, 51, 6313-6318.	3.8	29
529	Density Fluctuations and Phase Transitions of Ferroelectric Polymer Nanowires. <i>Small</i> , 2010, 6, 1822-1826.	10.9	32
530	NANOSCALE PATTERNING IN BLOCK COPOLYMER THIN FILMS. <i>Nano</i> , 2010, 05, 1-11.	1.1	4
531	Morphology control of a polythiophene-fullerene bulk heterojunction for enhancement of the high-temperature stability of solar cell performance by a new donor-acceptor diblock copolymer. <i>Nanotechnology</i> , 2010, 21, 105201.	2.6	93
532	Multiple-level threshold switching behavior of In ₂ Se ₃ confined in a nanostructured silicon substrate. <i>Applied Physics Letters</i> , 2010, 97, 092114.	3.2	9
533	Temperature Tunable Micellization of Polystyrene- <i>block</i> -poly(2-vinylpyridine) at Si ⁺ Ionic Liquid Interface. <i>Langmuir</i> , 2010, 26, 17126-17132.	3.6	12
534	Adsorption Energy of Nano- and Microparticles at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2010, 26, 12518-12522.	3.6	247
535	Fabrication of Pt/Au Concentric Spheres from Triblock Copolymer. <i>ACS Nano</i> , 2010, 4, 1124-1130.	14.9	46
536	Solvent-Driven Evolution of Block Copolymer Morphology under 3D Confinement. <i>Macromolecules</i> , 2010, 43, 7807-7812.	4.9	130
537	Disorder-to-Order Transition of Diblock Copolymers Induced by Alkyne/Azide Click Chemistry. <i>Macromolecules</i> , 2010, 43, 6234-6236.	4.9	23
538	Ordering in Mixtures of a Triblock Copolymer with a Room Temperature Ionic Liquid. <i>Macromolecules</i> , 2010, 43, 10528-10535.	4.9	55
539	Using Nanoparticle-Filled Microcapsules for Site-Specific Healing of Damaged Substrates: Creating a Repair-and-Go System. <i>ACS Nano</i> , 2010, 4, 1115-1123.	14.9	52
540	10.5: Field emission properties of atomically sharp tungsten nanotip arrays fabricated by a novel nanocasting method., 2010, , .		0

#	ARTICLE	IF	CITATIONS
541	Dissolution and Dissolved State of Cytochrome c in a Neat, Hydrophilic Ionic Liquid. <i>Biomacromolecules</i> , 2010, 11, 2944-2948.	5.5	73
542	Holey Silicon as an Efficient Thermoelectric Material. <i>Nano Letters</i> , 2010, 10, 4279-4283.	9.2	691
543	Synthesis of C60-end capped P3HT and its application for high performance of P3HT/PCBM bulk heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 3287.	6.7	116
544	Confinement Effects on Crystallization and Curie Transitions of Poly(vinylidene fluoride) (PVDF) in Nanopores. <i>Journal of Materials Chemistry</i> , 2010, 20, 5062-5068.	4.9	150
545	Smooth Cascade of Wrinkles at the Edge of a Floating Elastic Film. <i>Physical Review Letters</i> , 2010, 105, 038302.	7.8	103
546	Segmental dynamics of polymers during capillary flow into nanopores. <i>Soft Matter</i> , 2010, 6, 1111.	2.8	38
547	Preparation of 1 inch goldnanowires from PS-b-P4VP block copolymers. <i>Journal of Materials Chemistry</i> , 2010, 20, 1198-1202.	6.7	14
548	Precise placements of metal nanoparticles from reversible block copolymer nanostructures. <i>Journal of Materials Chemistry</i> , 2010, 20, 5047.	6.7	41
549	Dual-Tone Patterned Mesoporous Silicate Films Templated From Chemically Amplified Block Copolymers. <i>Advanced Functional Materials</i> , 2009, 19, 2728-2734.	16.0	14
550	A Novel Approach to Addressable 4 th Generation Patterned Media. <i>Advanced Materials</i> , 2009, 21, 2516-2519.	23.6	94
551	Block Copolymer Nanolithography: Translation of Molecular Level Control to Nanoscale Patterns. <i>Advanced Materials</i> , 2009, 21, 4769-4792.	23.6	639
552	Synthesis of Photoisomerizable Block Copolymers by Atom Transfer Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1484-1492.	2.4	10
553	Thin Film Instabilities in Blends under Cylindrical Confinement. <i>Macromolecular Rapid Communications</i> , 2009, 30, 377-383.	4.3	50
554	Controlling Orientation and Functionalization in Thin Films of Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1674-1678.	4.3	17
555	Synthesis and characterization of bionanoparticle-Silica composites and mesoporous silica with large pores. <i>Nano Research</i> , 2009, 2, 474-483.	10.3	32
556	Study of growth behaviour and microstructure of epitaxially grown self-assembled Ge quantum dots on nanometer-scale patterned SiO ₂ /Si(001) substrates. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 721-724.	1.6	5
557	Preparation of Metallic Line Patterns from Functional Block Copolymers. <i>Small</i> , 2009, 5, 1343-1348.	10.9	34
558	A Simple Top-Down/Bottom-Up Approach to Sector, Ordered Arrays of Nanoscopic Elements Using Block Copolymers. <i>Small</i> , 2009, 5, 1064-1069.	10.9	30

#	ARTICLE	IF	CITATIONS
559	Self-Assembled Electrical Contact to Nanoparticles Using Metallic Droplets. <i>Small</i> , 2009, 5, 1974-1977.	10.9	39
560	Performing under pressure. <i>Nature Nanotechnology</i> , 2009, 4, 703-704.	29.6	3
561	Polymeric gate dielectric interlayer of cross-linkable poly(styrene- <i>r</i> -methylmethacrylate) copolymer for ferroelectric PVDF-TrFE field effect transistor memory. <i>Organic Electronics</i> , 2009, 10, 849-856.	2.7	41
562	Donor-Acceptor Poly(thiophene- <i>block</i> -perylene diimide) Copolymers: Synthesis and Solar Cell Fabrication. <i>Macromolecules</i> , 2009, 42, 1079-1082.	4.9	305
563	Cylindrically Confined Diblock Copolymers. <i>Macromolecules</i> , 2009, 42, 9082-9088.	4.9	177
564	Relaxation of Thin Films of Polystyrene Floating on Ionic Liquid Surface. <i>Macromolecules</i> , 2009, 42, 9111-9117.	4.9	57
565	Fabrication of Hierarchical Structures by Wetting Porous Templates with Polymer Microspheres. <i>Langmuir</i> , 2009, 25, 4331-4335.	3.6	38
566	Fabrication of Nanoporous Block Copolymer Thin Films through Mediation of Interfacial Interactions with UV Cross-Linked Polystyrene. <i>Macromolecules</i> , 2009, 42, 7213-7216.	4.9	11
567	A Simple Route for the Preparation of Mesoporous Nanostructures Using Block Copolymers. <i>ACS Nano</i> , 2009, 3, 2827-2833.	14.9	54
568	Block-Copolymer-Based Plasmonic Nanostructures. <i>ACS Nano</i> , 2009, 3, 3987-3992.	14.9	112
569	Synthesis and photophysical property of well-defined donor-acceptor diblock copolymer based on regioregular poly(3-hexylthiophene) and fullerene. <i>Journal of Materials Chemistry</i> , 2009, 19, 1483.	6.7	125
570	Self-Assembly of Tobacco Mosaic Virus at Oil/Water Interfaces. <i>Langmuir</i> , 2009, 25, 4979-4987.	3.6	100
571	Lateral Ordering of Cylindrical Microdomains Under Solvent Vapor. <i>Macromolecules</i> , 2009, 42, 1278-1284.	4.9	114
572	Interfacial Assembly of Turnip Yellow Mosaic Virus Nanoparticles. <i>Langmuir</i> , 2009, 25, 5168-5176.	3.6	65
573	Cylindrical Microdomain Orientation of PS- <i>b</i> -PMMA on the Balanced Interfacial Interactions: Composition Effect of Block Copolymers. <i>Macromolecules</i> , 2009, 42, 4902-4906.	4.9	66
574	Connecting quantum dots and bionanoparticles in hybrid nanoscale ultra-thin films. <i>Soft Matter</i> , 2009, 5, 1048.	2.8	27
575	Highly Ordered Gold Nanotubes Using Thiols at a Cleavable Block Copolymer Interface. <i>Journal of the American Chemical Society</i> , 2009, 131, 9870-9871.	14.1	104
576	Macroscopic 10-Terabit-per-Square-Inch Arrays from Block Copolymers with Lateral Order. <i>Science</i> , 2009, 323, 1030-1033.	19.6	716

#	ARTICLE	IF	CITATIONS
577	Burnout and Career Satisfaction Among American Surgeons. <i>Annals of Surgery</i> , 2009, 250, 463-471.	4.4	993
578	Core/Shell Biocomposites from the Hierarchical Assembly of Bionanoparticles and Polymer. <i>Small</i> , 2008, 4, 1624-1629.	10.9	48
579	Self-assembly of metallo-supramolecular block copolymers in thin films. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4719-4724.	2.4	28
580	Surface Modification of Tobacco Mosaic Virus with "Click" Chemistry. <i>ChemBioChem</i> , 2008, 9, 519-523.	2.7	195
581	Controlling Orientation and Order in Block Copolymer Thin Films. <i>Advanced Materials</i> , 2008, 20, 4851-4856.	23.6	44
582	Responsive Assemblies: Gold Nanoparticles with Mixed Ligands in Microphase Separated Block Copolymers. <i>Advanced Materials</i> , 2008, 20, 1462-1466.	23.6	122
583	Microdomain Orientation of PS- <i>b</i> -PMMA by Controlled Interfacial Interactions. <i>Macromolecules</i> , 2008, 41, 6431-6437.	4.9	216
584	From Nanorings to Nanodots by Patterning with Block Copolymers. <i>Nano Letters</i> , 2008, 8, 1667-1672.	9.2	100
585	Ordering of PS- <i>b</i> -P4VP on Patterned Silicon Surfaces. <i>ACS Nano</i> , 2008, 2, 1363-1370.	14.9	57
586	Influence of Interfacial Energy on Electric-Field-Induced Sphere-to-Cylinder Transition in Block Copolymer Thin Films. <i>Macromolecules</i> , 2008, 41, 7227-7231.	4.9	24
587	Lamellae Orientation in Block Copolymer Films with Ionic Complexes. <i>Langmuir</i> , 2008, 24, 3545-3550.	3.6	21
588	A Simple Route to Highly Oriented and Ordered Nanoporous Block Copolymer Templates. <i>ACS Nano</i> , 2008, 2, 766-772.	14.9	200
589	Highly Aligned Ultrahigh Density Arrays of Conducting Polymer Nanorods using Block Copolymer Templates. <i>Nano Letters</i> , 2008, 8, 2315-2320.	9.2	224
590	Controlling the Morphologies of Organometallic Block Copolymers in the 3-Dimensional Spatial Confinement of Colloidal and Inverse Colloidal Crystals. <i>Macromolecules</i> , 2008, 41, 2250-2259.	4.9	80
591	Size control and registration of nano-structured thin films by cross-linkable units. <i>Soft Matter</i> , 2008, 4, 475.	2.8	36
592	Separating membrane and surface tension contributions in Pickering droplet deformation. <i>Soft Matter</i> , 2008, 4, 2259.	2.8	45
593	Simple Fabrication of Micropatterned Mesoporous Silica Films Using Photoacid Generators in Block Copolymers. <i>Chemistry of Materials</i> , 2008, 20, 604-606.	6.8	19
594	Transition Behavior of Block Copolymer Thin Films on Preferential Surfaces. <i>Macromolecules</i> , 2008, 41, 9140-9145.	4.9	45

#	ARTICLE	IF	CITATIONS
595	Ion-Complexation-Induced Changes in the Interaction Parameter and the Chain Conformation of PS- <i>b</i> -PMMA Copolymers. <i>Macromolecules</i> , 2008, 41, 4904-4907.	4.9	68
596	Influence of Ionic Complexes on Phase Behavior of Polystyrene- <i>b</i> -poly(methyl methacrylate) Copolymers. <i>Macromolecules</i> , 2008, 41, 963-969.	4.9	70
597	Amorphous Diblock Copolymers with a High Organometallic Block Volume Fraction: Synthesis, Characterization and Self-Assembly of Polystyrene- <i>b</i> -Poly(ferrocenylethylmethylsilane) in the Bulk State. <i>Macromolecules</i> , 2008, 41, 9474-9479.	4.9	24
598	Effect of Nanoparticles on the Electrohydrodynamic Instabilities of Polymer/Nanoparticle Thin Films. <i>Macromolecules</i> , 2008, 41, 2722-2726.	4.9	38
599	Morphological Study on an Azobenzene-Containing Liquid Crystalline Diblock Copolymer. <i>Macromolecules</i> , 2008, 41, 1897-1900.	4.9	20
600	Nanostructured Magnetic Thin Films from Organometallic Block Copolymers: Pyrolysis of Self-Assembled Polystyrene- <i>b</i> -poly(ferrocenylethylmethylsilane). <i>ACS Nano</i> , 2008, 2, 263-270.	14.9	122
601	Arrays of ultrasmall metal rings. <i>Nanotechnology</i> , 2008, 19, 245305.	2.6	16
602	Anomalous suppression of the transition temperature of superconducting nanostructured honeycomb films: Electrical transport measurements and Maekawa-Fukuyama model. <i>Physical Review B</i> , 2008, 77, .	3.2	2
603	Capillary Wrinkling of Floating Thin Polymer Films. <i>Science</i> , 2007, 317, 650-653.	19.6	442
604	Surface Patterning. <i>Methods in Cell Biology</i> , 2007, 83, 67-87.	2.0	14
605	AlvineetÅal.Reply:. <i>Physical Review Letters</i> , 2007, 98, .	7.8	1
606	Microstructure analysis of epitaxially grown self-assembled Ge islands on nanometer-scale patterned SiO ₂ •Si substrates by high-resolution transmission electron microscopy. <i>Journal of Applied Physics</i> , 2007, 102, 104306.	2.3	8
607	A Photoactive Polymer with Azobenzene Chromophore in the Side Chains. <i>Macromolecules</i> , 2007, 40, 2267-2270.	4.9	48
608	Synthesis and Characterization of CdSe Nanorods Functionalized with Regioregular Poly(3-hexylthiophene). <i>Chemistry of Materials</i> , 2007, 19, 3712-3716.	6.8	110
609	Globular Organization of Multifunctional Linear Homopolymer Using Trifunctional Molecules. <i>Macromolecules</i> , 2007, 40, 4267-4275.	4.9	5
610	Effective Interaction Parameter for Homologous Series of Deuterated Polystyrene- <i>b</i> -Poly(n-alkyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.9	50
611	Solvent Annealed Thin Films of Asymmetric Polyisoprene•Polylactide Diblock Copolymers. <i>Macromolecules</i> , 2007, 40, 1181-1186.	4.9	122
612	Solvent-Induced Transition from Micelles in Solution to Cylindrical Microdomains in Diblock Copolymer Thin Films. <i>Macromolecules</i> , 2007, 40, 9059-9063.	4.9	149

#	ARTICLE	IF	CITATIONS
613	Ordered Arrays of ~100~% Oriented Silicon Nanorods by CMOS-Compatible Block Copolymer Lithography. Nano Letters, 2007, 7, 1516-1520.	9.2	116
614	Orientationally Controlled Nanoporous Cylindrical Domains in Polystyrene-b-poly(ferrocenylethylmethylsilane) Block Copolymer Films. Macromolecules, 2007, 40, 3790-3796.	4.9	38
615	Instabilities in Nanoporous Media. Nano Letters, 2007, 7, 183-187.	9.2	121
616	Effect of Humidity on the Ordering of PEO-Based Copolymer Thin Films. Macromolecules, 2007, 40, 7019-7025.	4.9	106
617	Sizing Nanoparticle-Covered Droplets by Extrusion through Track-Etch Membranes. Langmuir, 2007, 23, 965-969.	3.6	22
618	Surface Modification with Cross-Linked Random Copolymers: A Minimum Effective Thickness. Macromolecules, 2007, 40, 4296-4300.	4.9	67
619	Self-assembly of nanoparticles at interfaces. Soft Matter, 2007, 3, 1231.	2.8	523
620	Application of Recombinant DNA Methods for Production of Cholinesterases as Organophosphate Antidotes and Detectors. Arhiv Za Higijenu Rada I Toksikologiju, 2007, 58, 339-345.	0.8	9
621	On the kinetics of nanoparticle self-assembly at liquid/liquid interfaces. Physical Chemistry Chemical Physics, 2007, 9, 6351.	2.8	158
622	Novel transparent nano- to micro-heterogeneous substrates for in-situ cell migration study. Journal of Biomedical Materials Research - Part A, 2007, 80A, 509-512.	4.0	0
623	Intersubband absorption in p-type Si _{1-x} Ge _x quantum dots on pre-patterned Si substrates made by a diblock copolymer process. Journal of Crystal Growth, 2007, 301-302, 833-836.	1.6	7
624	Drying Droplets: A Window into the Behavior of Nanorods at Interfaces. Small, 2007, 3, 1214-1217.	10.9	94
625	Fabrication of Ordered Anodic Aluminum Oxide Using a Solvent-Induced Array of Block Copolymer Micelles. Small, 2007, 3, 1869-1872.	10.9	43
626	Templated nanostructured PS- <i>b</i> -PEO nanotubes. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2912-2917.	2.4	33
627	Enhanced mobility of confined polymers. Nature Materials, 2007, 6, 961-965.	25.8	292
628	Microcapsules of PEGylated Gold Nanoparticles Prepared by Fluid-Fluid Interfacial Assembly. Nano Letters, 2007, 7, 389-393.	9.2	89
629	Defect-Free Nanoporous Thin Films from ABC Triblock Copolymers. Journal of the American Chemical Society, 2006, 128, 7622-7629.	14.1	297
630	Closed-Loop Phase Behavior for Weakly Interacting Block Copolymers. Macromolecules, 2006, 39, 5926-5930.	4.9	18

#	ARTICLE	IF	CITATIONS
631	Phase Behavior of a Weakly Interacting Block Copolymer by Temperature-Dependent FTIR Spectroscopy. <i>Macromolecules</i> , 2006, 39, 408-412.	4.9	38
632	Influence of Carbon Dioxide Swelling on the Closed-Loop Phase Behavior of Block Copolymers. <i>Macromolecules</i> , 2006, 39, 6580-6583.	4.9	15
633	Graft Copolymers from Poly(vinylidene fluoride-co-chlorotrifluoroethylene) via Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2006, 39, 3531-3539.	4.9	142
634	Selective growth of Ge islands on nanometer-scale patterned SiO ₂ /Si substrate by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2006, 89, 063107.	3.2	23
635	Study and characterization of tobacco mosaic virus head-to-tail assembly assisted by aniline polymerization. <i>Chemical Communications</i> , 2006, , 3019.	4.1	88
636	Capillary Filling of Anodized Alumina Nanopore Arrays. <i>Physical Review Letters</i> , 2006, 97, 175503.	7.8	43
637	Cellular Responses to Substrate Topography: Role of Myosin II and Focal Adhesion Kinase. <i>Biophysical Journal</i> , 2006, 90, 3774-3782.	0.5	165
638	An Optical Waveguide Study on the Nanopore Formation in Block Copolymer/Homopolymer Thin Films by Selective Solvent Swelling. <i>Journal of Physical Chemistry B</i> , 2006, 110, 15381-15388.	2.6	35
639	Surface-Functionalized CdSe Nanorods for Assembly in Diblock Copolymer Templates. <i>Journal of the American Chemical Society</i> , 2006, 128, 3898-3899.	14.1	199
640	Synthesis and Microphase Separation of Poly(styrene- <i>b</i> -acrylonitrile) Prepared by Sequential Anionic and ATRP Techniques. <i>Macromolecules</i> , 2006, 39, 1766-1770.	4.9	41
641	Photophysical Properties of Perdeuteratedtrans-Stilbene Grafted Polystyrene. <i>Macromolecules</i> , 2006, 39, 6776-6780.	4.9	7
642	Salt Complexation in Block Copolymer Thin Films. <i>Macromolecules</i> , 2006, 39, 8473-8479.	4.9	138
643	Novel 3-D Structures in Polymer Films by Coupling External and Internal Fields. <i>Langmuir</i> , 2006, 22, 4315-4318.	3.6	51
644	Grain Rotation in Ion-Complexed Symmetric Diblock Copolymer Thin Films under an Electric Field. <i>Macromolecules</i> , 2006, 39, 8487-8491.	4.9	38
645	Self-Corraling Nanorods under an Applied Electric Field. <i>Nano Letters</i> , 2006, 6, 2066-2069.	9.2	214
646	Entropy-driven segregation of nanoparticles to cracks in multilayered composite polymer structures. <i>Nature Materials</i> , 2006, 5, 229-233.	25.8	334
647	Growth behavior and microstructure of Ge self-assembled islands on nanometer-scale patterned Si substrate. <i>Journal of Crystal Growth</i> , 2006, 290, 369-373.	1.6	6
648	Fabrication of densely packed, well-ordered, high-aspect-ratio silicon nanopillars over large areas using block copolymer lithography. <i>Thin Solid Films</i> , 2006, 513, 289-294.	1.9	72

#	ARTICLE	IF	CITATIONS
649	Wetting Transition in Cylindrical Alumina Nanopores with Polymer Melts. Nano Letters, 2006, 6, 1075-1079.	9.2	219
650	Solvent mediated assembly of nanoparticles confined in mesoporous alumina. Physical Review B, 2006, 73, .	3.2	15
651	Using a ferrocenylsilane-based block copolymer as a template to produce nanotextured Ag surfaces: uniformly enhanced surface enhanced Raman scattering active substrates. Nanotechnology, 2006, 17, 5792-5797.	2.6	85
652	Ion Complexation: A Route to Enhanced Block Copolymer Alignment with Electric Fields. Physical Review Letters, 2006, 96, 128301.	7.8	62
653	High-temperature resistant, ordered gold nanoparticle arrays. Nanotechnology, 2006, 17, 2122-2126.	2.6	34
654	Block Copolymer Lithography: Merging "Bottom-Up" with "Top-Down" Processes. MRS Bulletin, 2005, 30, 952-966.	4.1	605
655	A Generalized Approach to the Modification of Solid Surfaces. Science, 2005, 308, 236-239.	19.6	502
656	Self-directed self-assembly of nanoparticle/copolymer mixtures. Nature, 2005, 434, 55-59.	35.3	924
657	Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. Angewandte Chemie - International Edition, 2005, 44, 2420-2426.	14.2	246
658	Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. Angewandte Chemie, 2005, 117, 2472-2478.	2.1	29
659	Organic-Inorganic Nanohybridization by Block Copolymer Thin Films. Advanced Functional Materials, 2005, 15, 1160-1164.	16.0	79
660	Thin Films of Block Copolymers as Planar Optical Waveguides. Advanced Materials, 2005, 17, 2442-2446.	23.6	44
661	Crosslinked Capsules of Quantum Dots by Interfacial Assembly and Ligand Crosslinking. Advanced Materials, 2005, 17, 2082-2086.	23.6	126
662	Solvent annealing thin films of poly(isoprene-b-lactide). Polymer, 2005, 46, 11635-11639.	3.8	106
663	The influence of confinement and curvature on the morphology of block copolymers. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 3377-3383.	2.4	130
664	Covalent stabilization of nanostructures: Robust block copolymer templates from novel thermoreactive systems. Journal of Polymer Science Part A, 2005, 43, 1028-1037.	2.4	83
665	Electric field and dewetting induced hierarchical structure formation in polymer/polymer/air trilayers. Chaos, 2005, 15, 047506.	2.5	54
666	Pulse electrodeposition and electrochemical quartz crystal microbalance techniques for high perpendicular magnetic anisotropy cobalt nanowire arrays. Journal of Applied Physics, 2005, 97, 10J322.	2.3	25

#	ARTICLE	IF	CITATIONS
667	Nano-patterned Growth of Ge Quantum Dots for Infrared Detector Applications. <i>Materials Research Society Symposia Proceedings</i> , 2005, 891, 1.	0.1	1
668	The effect of molecular architecture on the grain growth kinetics of AnBn star block copolymers. <i>Faraday Discussions</i> , 2005, 128, 103.	3.6	12
669	High-Quality Single-Walled Carbon Nanotubes with Small Diameter, Controlled Density, and Ordered Locations Using a Polyferrocenylsilane Block Copolymer Catalyst Precursor. <i>Chemistry of Materials</i> , 2005, 17, 2227-2231.	6.8	119
670	A Morphological Study of a Semicrystalline Poly(l-lactic acid-b-ethylene oxide-b-l-lactic acid) Triblock Copolymer. <i>Macromolecules</i> , 2005, 38, 104-109.	4.9	97
671	Controlling the Location and Spatial Extent of Nanobubbles Using Hydrophobically Nanopatterned Surfaces. <i>Nano Letters</i> , 2005, 5, 1751-1756.	9.2	137
672	Early Stages in the Growth of Electric Field-Induced Surface Fluctuations. <i>Macromolecules</i> , 2005, 38, 4868-4873.	4.9	41
673	From Cylinders to Helices upon Confinement. <i>Macromolecules</i> , 2005, 38, 1055-1056.	4.9	190
674	Diblock Copolymers with Amorphous Atactic Polyferrocenylsilane Blocks:Â Synthesis, Characterization, and Self-Assembly of Polystyrene-block-poly(ferrocenylethylmethylsilane) in the Bulk State. <i>Macromolecules</i> , 2005, 38, 6931-6938.	4.9	112
675	Interfacial Interaction Dependence of Microdomain Orientation in Diblock Copolymer Thin Films. <i>Macromolecules</i> , 2005, 38, 2802-2805.	4.9	102
676	Controlled Structure in Artificial Protein Hydrogels. <i>Macromolecules</i> , 2005, 38, 7470-7475.	4.9	28
677	Grain Growth Kinetics of AnBnStar Block Copolymers in Supercritical Carbon Dioxide. <i>Macromolecules</i> , 2005, 38, 4719-4728.	4.9	7
678	A Thermal and Manufacturable Approach to Stabilized Diblock Copolymer Templates. <i>Macromolecules</i> , 2005, 38, 7676-7683.	4.9	84
679	Electric Field Alignment of Asymmetric Diblock Copolymer Thin Films. <i>Macromolecules</i> , 2005, 38, 10788-10798.	4.9	151
680	Nanoparticle Assembly at Fluid Interfaces:Â Structure and Dynamics. <i>Langmuir</i> , 2005, 21, 191-194.	3.6	243
681	Orthogonal Approaches to the Simultaneous and Cascade Functionalization of Macromolecules Using Click Chemistry. <i>Journal of the American Chemical Society</i> , 2005, 127, 14942-14949.	14.1	324
682	Structurally Diverse Dendritic Libraries:Â A Highly Efficient Functionalization Approach Using Click Chemistry. <i>Macromolecules</i> , 2005, 38, 3663-3678.	4.9	365
683	Selective Solvent-Induced Reversible Surface Reconstruction of Diblock Copolymer Thin Films. <i>ACS Symposium Series</i> , 2005, , 158-170.	0.0	3
684	Controlled Placement of CdSe Nanoparticles in Diblock Copolymer Templates by Electrophoretic Deposition. <i>Nano Letters</i> , 2005, 5, 357-361.	9.2	151

#	ARTICLE	IF	CITATIONS
685	Silica Nanostructures Templated by Oriented Block Copolymer Thin Films Using Pore-Filling and Selective-Mineralization Routes. <i>Chemistry of Materials</i> , 2005, 17, 4743-4749.	6.8	57
686	Mixed monolayer coverage on gold nanoparticles for interfacial stabilization of immiscible fluids. <i>Chemical Communications</i> , 2005, , 4050.	4.1	63
687	A Hybrid Decision Tree " Artificial Neural Networks Ensemble Approach for Kidney Transplantation Outcomes Prediction. <i>Lecture Notes in Computer Science</i> , 2005, , 116-122.	2.0	5
688	Symmetric-to-Asymmetric Transition in Triblock Copolymer-Homopolymer Blends. <i>Physical Review Letters</i> , 2004, 93, 145701.	7.8	16
689	Block Copolymers under Cylindrical Confinement. <i>Macromolecules</i> , 2004, 37, 5660-5664.	4.9	271
690	Effect of Polymer-Substrate Interactions on the Glass Transition of Polymer Thin Films. <i>AIP Conference Proceedings</i> , 2004, , .	0.2	1
691	Hierarchical nanoparticle assemblies formed by decorating breath figures. <i>Nature Materials</i> , 2004, 3, 302-306.	25.8	344
692	Effect of ionic impurities on the electric field alignment of diblock copolymer thin films. <i>Colloid and Polymer Science</i> , 2004, 282, 927-931.	2.1	21
693	The effects of varied imidization conditions on rubbed polyimide film surface morphology. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1192-1197.	2.6	4
694	Solvent-Induced Ordering in Thin Film Diblock Copolymer/Homopolymer Mixtures. <i>Advanced Materials</i> , 2004, 16, 2119-2123.	23.6	241
695	Growth of Silicon Oxide in Thin Film Block Copolymer Scaffolds. <i>Advanced Materials</i> , 2004, 16, 702-706.	23.6	58
696	Fibroblast adhesion to micro- and nano-heterogeneous topography using diblock copolymers and homopolymers. <i>Journal of Biomedical Materials Research - Part A</i> , 2004, 71A, 462-469.	4.0	27
697	Block Copolymer Domain Reorientation in an Electric Field: An in-Situ Small-Angle X-ray Scattering Study. <i>Macromolecules</i> , 2004, 37, 2538-2543.	4.9	50
698	Nano- to Macro-Sized Heterogeneities Using Cleavable Diblock Copolymers. <i>Macromolecules</i> , 2004, 37, 9639-9645.	4.9	48
699	Electric Field Alignment of Symmetric Diblock Copolymer Thin Films. <i>Macromolecules</i> , 2004, 37, 2625-2629.	4.9	118
700	Electrically Induced Patterning in Block Copolymer Films. <i>Macromolecules</i> , 2004, 37, 5358-5363.	4.9	77
701	Inorganic Nanodots from Thin Films of Block Copolymers. <i>Nano Letters</i> , 2004, 4, 1841-1844.	9.2	114
702	Scattering Study on the Selective Solvent Swelling Induced Surface Reconstruction. <i>Macromolecules</i> , 2004, 37, 2972-2977.	4.9	79

#	ARTICLE	IF	CITATIONS
703	Electric Field Induced Sphere-to-Cylinder Transition in Diblock Copolymer Thin Films. <i>Macromolecules</i> , 2004, 37, 6980-6984.	4.9	105
704	Fabrication of a Gradient Heterogeneous Surface Using Homopolymers and Diblock Copolymers. <i>Langmuir</i> , 2004, 20, 5952-5957.	3.6	22
705	Complex Phase Behavior of a Weakly Interacting Binary Polymer Blend. <i>Macromolecules</i> , 2004, 37, 5851-5855.	4.9	28
706	Closed-Loop Phase Behavior of Polystyrene-block-poly(n-pentyl methacrylate) Copolymers with Various Block Length Ratios. <i>Macromolecules</i> , 2004, 37, 3717-3724.	4.9	45
707	A New Copper Acetate-Bis(oxazoline)-Catalyzed, Enantioselective Henry Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 12692-12693.	14.1	481
708	Aspects of electrohydrodynamic instabilities at polymer interfaces. <i>Fibers and Polymers</i> , 2003, 4, 1-7.	2.1	15
709	Hierarchical structure formation and pattern replication induced by an electric field. <i>Nature Materials</i> , 2003, 2, 48-52.	25.8	259
710	Phase Behavior of Polystyrene-block-poly(n-alkyl methacrylate)s Dilated with Carbon Dioxide. <i>Macromolecules</i> , 2003, 36, 4029-4036.	4.9	50
711	Sequential, Orthogonal Fields: A Path to Long-Range, 3-D Order in Block Copolymer Thin Films. <i>Macromolecules</i> , 2003, 36, 7296-7300.	4.9	53
712	Structure of End-Grafted Polymer Brushes in Liquid and Supercritical Carbon Dioxide: A Neutron Reflectivity Study. <i>Macromolecules</i> , 2003, 36, 3365-3373.	4.9	54
713	Development of Poly(imide-b-amic acid) Multiblock Copolymer Thin Film. <i>Macromolecules</i> , 2003, 36, 4976-4982.	4.9	4
714	Precise Control of Nanopore Size in Thin Film Using Mixtures of Asymmetric Block Copolymer and Homopolymer. <i>Macromolecules</i> , 2003, 36, 10126-10129.	4.9	86
715	Pressure Effects on the Phase Behavior of Styrene/n-Alkyl Methacrylate Block Copolymers. <i>Macromolecules</i> , 2003, 36, 3351-3356.	4.9	74
716	Photolysis of Compressed Sodium Azide (NaN ₃) as a Synthetic Pathway to Nitrogen Materials. <i>Journal of Physical Chemistry A</i> , 2003, 107, 944-947.	2.5	26
717	Long-Range Ordering of Diblock Copolymers Induced by Droplet Pinning. <i>Langmuir</i> , 2003, 19, 9910-9913.	3.6	167
718	Nanoparticle Assembly and Transport at Liquid-Liquid Interfaces. <i>Science</i> , 2003, 299, 226-229.	19.6	958
719	Self-Diffusion of Polystyrene in a CO ₂ -Swollen Polystyrene Matrix: A Real Time Study Using Neutron Reflectivity. <i>Macromolecules</i> , 2003, 36, 346-352.	4.9	44
720	Interfacial Energy Effects on the Electric Field Alignment of Symmetric Diblock Copolymers. <i>Macromolecules</i> , 2003, 36, 6178-6182.	4.9	94

#	ARTICLE	IF	CITATIONS
721	Phase Behavior of Mixtures of Block Copolymer and Homopolymers in Thin Films and Bulk. <i>Macromolecules</i> , 2003, 36, 3626-3634.	4.9	118
722	Effect of Hydrostatic Pressure on Closed-Loop Phase Behavior of Block Copolymers. <i>Physical Review Letters</i> , 2003, 90, 235501.	7.8	85
723	Nanofabrication of integrated magnetoelectronic devices using patterned self-assembled copolymer templates. <i>Applied Physics Letters</i> , 2002, 81, 3479-3481.	3.2	68
724	Nanostructures and the proximity effect. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 2398-2402.	2.9	29
725	Pathways toward Electric Field Induced Alignment of Block Copolymers. <i>Macromolecules</i> , 2002, 35, 8106-8110.	4.9	149
726	Influence of Dendrimer Additives on the Dewetting of Thin Polystyrene Films. <i>Langmuir</i> , 2002, 18, 1877-1882.	3.6	82
727	Electric Field Induced Dewetting at Polymer/Polymer Interfaces. <i>Macromolecules</i> , 2002, 35, 6255-6262.	4.9	101
728	Synthesis and Thin Film Characterization of Poly(styrene-block-methyl methacrylate) Containing an Anthracene Dimer Photocleavable Junction Point. <i>Macromolecules</i> , 2002, 35, 4271-4276.	4.9	83
729	Structure Formation at the Interface of Liquid/Liquid Bilayer in Electric Field. <i>Macromolecules</i> , 2002, 35, 3971-3976.	4.9	152
730	Phase Behavior of Polystyrene and Poly(n-pentyl methacrylate) Blend. <i>Macromolecules</i> , 2002, 35, 8676-8680.	4.9	41
731	A Simple Route to Metal Nanodots and Nanoporous Metal Films. <i>Nano Letters</i> , 2002, 2, 933-936.	9.2	240
732	Terabit Density Cobalt Nanowire Arrays With Tunable Magnetic Properties. <i>Materials Research Society Symposia Proceedings</i> , 2002, 721, 1.	0.1	5
733	Controlling Subcritical Crack Growth at Epoxy/Glass Interfaces. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , 2002, 124, 328-333.	1.9	7
734	Closed-loop phase behaviour in block copolymers. <i>Nature Materials</i> , 2002, 1, 114-117.	25.8	113
735	Crystalline structure of a liquid crystal forming ligated twin. <i>Journal of Materials Science</i> , 2002, 37, 389-395.	3.7	0
736	Fatigue resistance of silane-bonded epoxy/glass interfaces using neat and rubber-toughened epoxies. <i>Journal of Materials Science</i> , 2002, 37, 3269-3276.	3.7	7
737	Electric field induced instabilities at liquid/liquid interfaces. <i>Journal of Chemical Physics</i> , 2001, 114, 2377-2381.	2.9	187
738	Fabrication and Characterization of Nanoelectrode Arrays Formed via Block Copolymer Self-Assembly. <i>Langmuir</i> , 2001, 17, 6396-6398.	3.6	134

#	ARTICLE	IF	CITATIONS
739	Effect of Interfacial Interactions on the Glass Transition of Polymer Thin Films. <i>Macromolecules</i> , 2001, 34, 5535-5539.	4.9	270
740	Enhancement of Diblock Copolymer Ordering Kinetics by Supercritical Carbon Dioxide Annealing. <i>Macromolecules</i> , 2001, 34, 7923-7925.	4.9	36
741	Chain Conformation in Ultrathin Polymer Films Using Small-Angle Neutron Scattering. <i>Macromolecules</i> , 2001, 34, 559-567.	4.9	107
742	Orientationally Registered Crystals in Thin Film Crystalline/Amorphous Block Copolymers. <i>Macromolecules</i> , 2001, 34, 2398-2399.	4.9	42
743	Controlled Adsorption of End-Functionalized Polystyrene to Silicon-Supported Tris(trimethylsiloxy)silyl Monolayers. <i>Langmuir</i> , 2001, 17, 6547-6552.	3.6	27
744	Dynamic Structure of a Protein Hydrogel: A Solid-State NMR Study. <i>Macromolecules</i> , 2001, 34, 8675-8685.	4.9	55
745	Propagation of Nanopatterned Substrate Templated Ordering of Block Copolymers in Thick Films. <i>Macromolecules</i> , 2001, 34, 1487-1492.	4.9	136
746	Mobility of Polymers at the Air/Polymer Interface. <i>Macromolecules</i> , 2001, 34, 3484-3492.	4.9	123
747	Structural Evolution of Multilayered, Crystalline~Amorphous Diblock Copolymer Thin Films. <i>Macromolecules</i> , 2001, 34, 2876-2883.	4.9	65
748	Nanoparticles and Polymers. Bricks and Mortar Self-Assembly of Nanostructures. <i>Materials Research Society Symposia Proceedings</i> , 2001, 635, C1.3.1.	0.1	0
749	Fatigue and Durability of Silane-Bonded Epoxy/Glass Interfaces. <i>Journal of Adhesion</i> , 2001, 76, 335-351.	3.1	5
750	Contact of elastic solids with rough surfaces. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 1848-1854.	2.4	38
751	Atomic force microscopy study of rubbed polyimide films. <i>Journal of Applied Polymer Science</i> , 2001, 80, 1470-1477.	2.6	13
752	Ordering in thin films of asymmetric diblock copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 663-668.	2.4	81
753	A Route to Nanoscopic SiO ₂ Posts via Block Copolymer Templates. <i>Advanced Materials</i> , 2001, 13, 795-797.	23.6	178
754	On exfoliation of montmorillonite in epoxy. <i>Polymer</i> , 2001, 42, 5947-5952.	3.8	325
755	Electrohydrodynamic instabilities in polymer films. <i>Europhysics Letters</i> , 2001, 53, 518-524.	2.0	277
756	Tailoring exchange bias with magnetic nanostructures. <i>Physical Review B</i> , 2001, 63, .	3.2	134

#	ARTICLE	IF	CITATIONS
757	A simple model for baroplastic behavior in block copolymer melts. <i>Journal of Chemical Physics</i> , 2001, 114, 8205-8209.	2.9	62
758	Integration of self-assembled diblock copolymers for semiconductor capacitor fabrication. <i>Applied Physics Letters</i> , 2001, 79, 409-411.	3.2	338
759	Confined thin film diblock copolymer in the presence of an electric field. <i>Journal of Chemical Physics</i> , 2001, 115, 1559-1564.	2.9	80
760	POLYMER DYNAMICS: Chance Encounters. <i>Science</i> , 2001, 293, 446-447.	19.6	10
761	Teflon and Teflon/Al (nanocrystalline) decomposition chemistry at high pressures. <i>AIP Conference Proceedings</i> , 2000, , .	0.2	20
762	Structural changes in ammonium perchlorate under compression to 5 GPa. <i>AIP Conference Proceedings</i> , 2000, , .	0.2	0
763	Block copolymers as nanoscopic templates. <i>Macromolecular Symposia</i> , 2000, 159, 77-88.	0.7	26
764	Nanososcopic Templates from Oriented Block Copolymer Films. <i>Advanced Materials</i> , 2000, 12, 787-791.	23.6	622
765	Electrically induced structure formation and pattern transfer. <i>Nature</i> , 2000, 403, 874-877.	35.3	743
766	Self-assembly of nanoparticles into structured spherical and network aggregates. <i>Nature</i> , 2000, 404, 746-748.	35.3	1,105
767	Temperature measurements of a thermal wave at static high pressures. <i>Applied Physics Letters</i> , 2000, 76, 2460-2462.	3.2	1
768	Underwater shock measurements using a ruby pressure gauge. <i>Applied Physics Letters</i> , 2000, 77, 684-686.	3.2	3
769	All-optical technique for measuring thermal properties of materials at static high pressure. <i>Review of Scientific Instruments</i> , 2000, 71, 3846.	1.4	15
770	Ultrahigh-Density Nanowire Arrays Grown in Self-Assembled Diblock Copolymer Templates. <i>Science</i> , 2000, 290, 2126-2129.	19.6	2,032
771	Mixed Lamellar Films: Evolution, Commensurability Effects, and Preferential Defect Formation. <i>Macromolecules</i> , 2000, 33, 80-88.	4.9	111
772	Reducing Substrate Pinning of Block Copolymer Microdomains with a Buffer Layer of Polymer Brushes. <i>Macromolecules</i> , 2000, 33, 857-865.	4.9	116
773	Overcoming Interfacial Interactions with Electric Fields. <i>Macromolecules</i> , 2000, 33, 3250-3253.	4.9	284
774	One-Step Formation of Functionalized Block Copolymers. <i>Macromolecules</i> , 2000, 33, 1505-1507.	4.9	193

#	ARTICLE	IF	CITATIONS
775	Structural Properties of Ammonium Perchlorate Compressed to 5.6 GPa. <i>Journal of Physical Chemistry A</i> , 2000, 104, 11188-11193.	2.5	60
776	Computational and Experimental Infrared Spectra of 1,4-Dinitropiperazine and Vibrational Mode Assignment. <i>Journal of Physical Chemistry A</i> , 2000, 104, 8898-8907.	2.5	2
777	The laser-induced decomposition of TATB at static high pressure. <i>AIP Conference Proceedings</i> , 2000, , .	0.2	1
778	Nanoscopic Templates from Oriented Block Copolymer Films. <i>Advanced Materials</i> , 2000, 12, 787.	23.6	2
779	Nanoscopic Templates from Oriented Block Copolymer Films. <i>Advanced Materials</i> , 2000, 12, 787-791.	23.6	16
780	Phase Transitions in Polymer Blends and Block Copolymers Induced by Selective Dilation with Supercritical CO ₂ . , 2000, , 277-289.		2
781	Some Thermodynamic Considerations of the Lower Disorder-to-Order Transition of Diblock Copolymers. <i>ACS Symposium Series</i> , 1999, , 261-269.	0.0	0
782	Role of Al ⁺ O ₂ chemistry in the laser-induced vaporization of Al films in air. <i>Journal of Chemical Physics</i> , 1999, 111, 445-448.	2.9	28
783	Resistance heating of the gasket in a gem-anvil high pressure cell. <i>Review of Scientific Instruments</i> , 1999, 70, 4316-4323.	1.4	12
784	Nanoporous Polyimides. <i>Advances in Polymer Science</i> , 1999, , 1-43.	0.2	82
785	Chain conformation in ultrathin polymer films. <i>Nature</i> , 1999, 400, 146-149.	35.3	261
786	Polymers on Nanoperiodic, Heterogeneous Surfaces. <i>Physical Review Letters</i> , 1999, 82, 2602-2605.	7.8	438
787	Neutrality Conditions for Block Copolymer Systems on Random Copolymer Brush Surfaces. <i>Macromolecules</i> , 1999, 32, 5299-5303.	4.9	126
788	Controlled Synthesis of Polymer Brushes by α -Living β -Free Radical Polymerization Techniques. <i>Macromolecules</i> , 1999, 32, 1424-1431.	4.9	896
789	Structure Development during Crystallization of Homogeneous Copolymers of Ethene and 1-Octene: \hat{A} Time-Resolved Synchrotron X-ray and SALS Measurements. <i>Macromolecules</i> , 1999, 32, 765-770.	4.9	70
790	Adhesion of Polymer Interfaces Reinforced with Random and Diblock Copolymers as a Function of Geometry. <i>Macromolecules</i> , 1999, 32, 6254-6260.	4.9	46
791	Phase Separation in Polymer Blends and Diblock Copolymers Induced by Compressible Solvents. <i>Macromolecules</i> , 1999, 32, 7737-7740.	4.9	49
792	Phase Coherence and Microphase Separation Transitions in Diblock Copolymer Thin Films. <i>Macromolecules</i> , 1999, 32, 4832-4837.	4.9	49

#	ARTICLE	IF	CITATIONS
793	Expansion of Polystyrene Using Supercritical Carbon Dioxide: Effects of Molecular Weight, Polydispersity, and Low Molecular Weight Components. <i>Macromolecules</i> , 1999, 32, 7610-7616.	4.9	144
794	Manipulating Copolymers with Confinement and Interfacial Interactions. <i>ACS Symposium Series</i> , 1999, , 140-152.	0.0	0
795	Fatigue of Silane Bonded Epoxy/Glass Interfaces. <i>Materials Research Society Symposia Proceedings</i> , 1999, 563, 291.	0.1	2
796	Nanodomain control in copolymer thin films. <i>Nature</i> , 1998, 395, 757-758.	35.8	302
797	Imidization and interdiffusion of poly(amic ethyl ester) precursors of PMDA/3,4'-ODA. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 2247-2258.	2.4	10
798	Small-Angle Neutron Scattering Studies on Thin Films of Isotopic Polystyrene Blends. <i>Macromolecules</i> , 1998, 31, 9247-9252.	4.9	17
799	Polyimide Nanofoams from Aliphatic Polyester-Based Copolymers. <i>Chemistry of Materials</i> , 1998, 10, 39-49.	6.8	62
800	Large-Area Domain Alignment in Block Copolymer Thin Films Using Electric Fields. <i>Macromolecules</i> , 1998, 31, 4399-4401.	4.9	156
801	The Effect of Hydrostatic Pressure on the Lower Critical Ordering Transition in Diblock Copolymers. <i>Macromolecules</i> , 1998, 31, 6493-6498.	4.9	86
802	X-PEEM Study on Surface Orientation of Stylized and Rubbed Polyimides. <i>Macromolecules</i> , 1998, 31, 4957-4962.	4.9	45
803	Decomposition of 5-Nitro-2,4-dihydro-3H-1,2,4-triazol-3-one (NTO): Energetics Associated with Several Proposed Initiation Routes. <i>Journal of Physical Chemistry A</i> , 1998, 102, 471-477.	2.5	41
804	Using Surface Active Random Copolymers To Control the Domain Orientation in Diblock Copolymer Thin Films. <i>Macromolecules</i> , 1998, 31, 7641-7650.	4.9	303
805	Phase-Separation-Induced Surface Patterns in Thin Polymer Blend Films. <i>Macromolecules</i> , 1998, 31, 857-862.	4.9	188
806	Phase Behavior of Diblock Copolymers between Styrene and n-Alkyl Methacrylates. <i>Macromolecules</i> , 1998, 31, 8509-8516.	4.9	110
807	Atomic structure of solid and liquid polyethylene oxide. <i>Journal of Chemical Physics</i> , 1998, 109, 7005-7010.	2.9	52
808	Real-time changes induced by pulsed laser heating in ammonium perchlorate at static high pressures. <i>AIP Conference Proceedings</i> , 1998, , .	0.2	1
809	Interfacial Segregation in Disordered Block Copolymers: Effect of Tunable Surface Potentials. <i>Physical Review Letters</i> , 1997, 79, 237-240.	7.8	236
810	A high pressure optical cell utilizing single crystal cubic zirconia anvil windows. <i>Review of Scientific Instruments</i> , 1997, 68, 1835-1840.	1.4	15

#	ARTICLE	IF	CITATIONS
811	Polyimide Nanofoams Based on Ordered Polyimides Derived from Poly(amic alkyl esters):Â PMDA/4-BDAF. <i>Chemistry of Materials</i> , 1997, 9, 105-118.	6.8	55
812	Ordered Diblock Copolymer Films on Random Copolymer Brushes. <i>Macromolecules</i> , 1997, 30, 6810-6813.	4.9	259
813	Pressure/Temperature and Reaction Phase Diagram for Dinitro Azetidinium Dinitramide. <i>Journal of Physical Chemistry B</i> , 1997, 101, 3566-3570.	2.6	8
814	Surface Relaxations in Polymers. <i>Macromolecules</i> , 1997, 30, 7768-7771.	4.9	156
815	Controlling Polymer-Surface Interactions with Random Copolymer Brushes. <i>Science</i> , 1997, 275, 1458-1460.	19.6	1,255
816	The one that got away. <i>Nature</i> , 1997, 386, 771-772.	35.3	23
817	Forward recoil spectrometry study of the diffusion of PMDA/ODA-based poly(amic ethyl esters). <i>Polymer</i> , 1997, 38, 5073-5078.	3.8	10
818	Transmission electron microscopy of 3F/PMDA-polypropylene oxide triblock copolymer based nanofoams. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 1067-1076.	2.4	14
819	Polyimide Nanofoams from Phase Separated Triblock Copolymers. , 1997, , 529-542.		1
820	Interphase Mixing in Symmetric Diblock Copolymers Determined by Protonâ”Deuterium CP/MAS NMR. <i>Macromolecules</i> , 1996, 29, 2201-2204.	4.9	20
821	Pressure, Temperature Reaction Phase Diagram for Ammonium Dinitramide. <i>The Journal of Physical Chemistry</i> , 1996, 100, 3248-3251.	2.9	47
822	High-Resolution Profiling of the Polyimideâ”Polyimide Interface. <i>Macromolecules</i> , 1996, 29, 6880-6891.	4.9	22
823	Well-Defined Random Copolymers by a â€œLivingâ€Free-Radical Polymerization Process. <i>Macromolecules</i> , 1996, 29, 2686-2688.	4.9	194
824	Nanofoam Porosity Measured by Infrared Spectroscopy and Refractive Index. <i>Materials Research Society Symposia Proceedings</i> , 1996, 431, 475.	0.1	0
825	A Monte Carlo Simulation of Asymmetric Random Copolymers at an Immiscible Interface. <i>Macromolecules</i> , 1996, 29, 4120-4124.	4.9	13
826	Reactions of Benzotriazolo[2,1-a]benzotriazole Derivatives. 2. An Unusual Hydrolysisâ”Oxidation Reaction. <i>Journal of Organic Chemistry</i> , 1996, 61, 1898-1900.	3.2	14
827	Homopolymer Interfaces Reinforced with Random Copolymers. <i>Macromolecules</i> , 1996, 29, 5493-5496.	4.9	84
828	Polyimide Nanofoams from Caprolactone-Based Copolymers. <i>Macromolecules</i> , 1996, 29, 3642-3646.	4.9	39

#	ARTICLE	IF	CITATIONS
829	Polymer Mobility in Thin Films. <i>Macromolecules</i> , 1996, 29, 6531-6534.	4.9	335
830	Observed Surface Energy Effects in Confined Diblock Copolymers. <i>Physical Review Letters</i> , 1996, 76, 2503-2506.	7.8	320
831	Entanglements at Polymer Surfaces and Interfaces. <i>Macromolecules</i> , 1996, 29, 798-800.	4.9	243
832	Characterization of thin Polymeric Nanofoam films by Transmission Electron Microscopy and Small Angle Neutron Scattering. <i>Materials Research Society Symposia Proceedings</i> , 1996, 461, 103.	0.1	1
833	Electric Field Induced Control of Thin Film Diblock Copolymer Domain Orientation. <i>Materials Research Society Symposia Proceedings</i> , 1996, 461, 109.	0.1	0
834	NEXAFS Studies on the Surface Orientation of Buffed Polyimides. <i>Macromolecules</i> , 1996, 29, 8334-8342.	4.9	134
835	Interdiffusion of polymers across interfaces. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1996, 34, 2919-2940.	2.4	51
836	Copolymers at surfaces and interfaces. <i>Current Opinion in Colloid and Interface Science</i> , 1996, 1, 107-115.	7.8	94
837	Characterizing Polymer Surfaces and Interfaces. <i>MRS Bulletin</i> , 1996, 21, 49-53.	4.1	13
838	Polyimide Nanofoams For Low Dielectric Applications. <i>Materials Research Society Symposia Proceedings</i> , 1995, 381, 79.	0.1	34
839	Time Resolved Optical Spectroscopy to Examine Chemical Decomposition of Energetic Materials Under Static High Pressure and Pulsed Heating Conditions. <i>Materials Research Society Symposia Proceedings</i> , 1995, 418, 385.	0.1	2
840	Time Resolved Emission Studies of Aluminum and Water High Pressure Reactions. <i>Materials Research Society Symposia Proceedings</i> , 1995, 418, 391.	0.1	1
841	<title>Thick film photoresist resolution enhancement with surfactant surface treatment</title>., 1995, 2438, 673.		0
842	Surface orientation of liquid crystalline poly(alkylsilanes). <i>Acta Polymerica</i> , 1995, 46, 60-63.	0.9	6
843	Nanofoam porosity by infrared spectroscopy. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 253-257.	2.4	20
844	Near-surface alignment of polymers in rubbed films. <i>Nature</i> , 1995, 374, 709-711.	35.8	375
845	Bassereau et al.Reply:. <i>Physical Review Letters</i> , 1995, 74, 4961-4961.	7.8	5
846	Thick film positive photoresist: Development and resolution enhancement technique. <i>Journal of Vacuum Science & Technology B</i> , 1995, 13, 3000.	1.3	8

#	ARTICLE	IF	CITATIONS
847	Solvent Penetration into Ordered Thin Films of Diblock Copolymers. <i>Macromolecules</i> , 1995, 28, 1470-1474.	4.9	22
848	Synchrotron X-ray Scattering Studies of Crystallization of Poly(ether-ether-ketone) from the Glass and Structural Changes during Subsequent Heating-Cooling Processes. <i>Macromolecules</i> , 1995, 28, 8491-8503.	4.9	118
849	Rheology of the Lower Critical Ordering Transition. <i>Macromolecules</i> , 1995, 28, 1129-1134.	4.9	54
850	Small Angle Neutron Scattering Studies on Ultrathin Films. <i>Macromolecules</i> , 1995, 28, 787-789.	4.9	26
851	Polyimide Nanofoams Prepared from Styrenic Block Copolymers. <i>ACS Symposium Series</i> , 1995, , 425-438.	0.0	2
852	Free Structure Confinement of Diblock Copolymer Multilayers. <i>Macromolecules</i> , 1995, 28, 8092-8095.	4.9	22
853	Microscopic Experimental Approaches to High Pressure Chemistry. <i>European Physical Journal Special Topics</i> , 1995, 05, C4-553-C4-558.	0.2	0
854	Topology of forward scattering of neutrons from imperfect multilayers. <i>Physical Review B</i> , 1994, 50, 9565-9568.	3.2	10
855	Observed frustration in confined block copolymers. <i>Physical Review Letters</i> , 1994, 72, 2899-2902.	7.8	255
856	Grazing incidence prompt gamma emissions and resonance-enhanced neutron standing waves in a thin film. <i>Physical Review Letters</i> , 1994, 72, 3044-3047.	7.8	43
857	Observation of X-Ray Speckle by Coherent Scattering at Grazing Incidence. <i>Physical Review Letters</i> , 1994, 73, 82-85.	7.8	53
858	Swelling effects in semidilute block copolymer solutions. <i>Journal of Chemical Physics</i> , 1994, 101, 5213-5218.	2.9	13
859	Photon tunnelling microscopy of polyethylene single crystals. <i>Polymer</i> , 1994, 35, 1137-1141.	3.8	2
860	Monte Carlo simulations of the free surface of polymer melts. <i>Chemical Engineering Science</i> , 1994, 49, 2899-2906.	3.9	26
861	Time-resolved SAXS studies of morphological changes in cold crystallized poly(ethylene) Tj ETQq1 1 0.784314 rgBT ₂ /Overlock 10 Tf 50 1	2.1	46
862	On the microphase separation kinetics of symmetric diblock copolymers. <i>Colloid and Polymer Science</i> , 1994, 272, 1373-1379.	2.1	9
863	A lower critical ordering transition in a diblock copolymer melt. <i>Nature</i> , 1994, 368, 729-731.	35.3	166
864	A Free Energy Model for Confined Diblock Copolymers. <i>Macromolecules</i> , 1994, 27, 6225-6228.	4.9	289

#	ARTICLE	IF	CITATIONS
865	Near-surface structure of aromatic polyimides: the effect of precursor isomers. Faraday Discussions, 1994, 98, 319.	3.6	2
866	A fully-static low power, high performance 64-bit 3-level carry skip adder. , 1994, , .		2
867	Evolution of order in thin block copolymer films. Macromolecules, 1994, 27, 749-755.	4.9	85
868	Interdiffusion of Polymers at Short Times. Macromolecules, 1994, 27, 6973-6979.	4.9	67
869	Block Copolymer Mixtures As Revealed By Neutron Reflectivity. Macromolecules, 1994, 27, 7447-7453.	4.9	60
870	Short-Time Interdiffusion at Polymer Interfaces. Macromolecules, 1994, 27, 4407-4409.	4.9	31
871	Diblock Copolymer Adsorption onto a Solid Surface as Revealed by Evanescent Wave Ellipsometry. Macromolecules, 1994, 27, 7490-7491.	4.9	0
872	Small-Angle Neutron Scattering from Deuterated Polystyrene/Poly(butyl methacrylate) Homopolymer Blend Mixtures. Macromolecules, 1994, 27, 2357-2359.	4.9	27
873	Resonance Enhanced Neutron Standing Waves in Thin Films. Materials Research Society Symposia Proceedings, 1994, 376, 259.	0.1	0
874	Evolution of Ordering in Thin Films of Symmetric Diblock Copolymers. , 1994, , 217-223.		7
875	Solvent and isomer effects on the imidization of pyromellitic dianhydride-oxydianiline-based poly(amic) Tj ETQq1 1 0.784314 rgBT /Over	3.8	32
876	Direct observation of reptation at polymer interfaces. Nature, 1993, 365, 235-237.	35.3	81
877	Macro- vs microphase separation in copolymer/homopolymer mixtures. Macromolecules, 1993, 26, 2860-2865.	4.9	27
878	Pressure/temperature phase diagram of hexanitrohexaazaisowurtzitane. The Journal of Physical Chemistry, 1993, 97, 1993-1997.	2.9	113
879	Small-angle x-ray scattering and pulsed NMR studies of polyurethane interpenetrating polymer networks. Macromolecules, 1993, 26, 1922-1929.	4.9	16
880	Segment distributions in lamellar diblock copolymers. Macromolecules, 1993, 26, 3929-3936.	4.9	152
881	Grazing incidence x-ray scattering studies of thin films of an aromatic polyimide. Macromolecules, 1993, 26, 2847-2859.	4.9	132
882	Segregation of chain ends to polymer melt surfaces and interfaces. Macromolecules, 1993, 26, 561-562.	4.9	87

#	ARTICLE	IF	CITATIONS
883	Changes in polystyrene and poly(methyl methacrylate) interactions with isotopic substitution. <i>Macromolecules</i> , 1993, 26, 5819-5819.	4.9	68
884	On the birefringence of multilayered symmetric diblock copolymer films. <i>Macromolecules</i> , 1993, 26, 5436-5440.	4.9	2
885	Distributions of chain ends and junction points in ordered block copolymers. <i>Macromolecules</i> , 1993, 26, 1047-1052.	4.9	50
886	Reversal of the isotopic effect in the surface behavior of binary polymer blends. <i>Journal of Chemical Physics</i> , 1993, 98, 4163-4173.	2.9	112
887	Free surfaces of polymer blends. II. Effects of molecular weight and applications to asymmetric polymer blends. <i>Journal of Chemical Physics</i> , 1993, 99, 4041-4050.	2.9	44
888	Topological coarsening of symmetric diblock copolymer films: Model 2D systems. <i>Physical Review Letters</i> , 1993, 71, 1716-1719.	7.8	74
889	Experimental study of the surface structure of diblock copolymer films using microscopy and x-ray scattering. <i>Journal of Chemical Physics</i> , 1993, 98, 2376-2386.	2.9	46
890	Russellet al. reply. <i>Physical Review Letters</i> , 1993, 70, 1352-1352.	7.8	3
891	The effect of finite film thickness on the surface segregation in symmetric binary polymer mixtures. <i>Journal of Chemical Physics</i> , 1993, 99, 656-663.	2.9	64
892	Free surfaces of polymer blends. I. Theoretical framework and application to symmetric polymer blends. <i>Journal of Chemical Physics</i> , 1993, 98, 6516-6525.	2.9	22
893	Profiling Polyimide-Polyimide Interfaces. <i>Materials Research Society Symposia Proceedings</i> , 1993, 305, 153.	0.1	0
894	Very thin films of symmetric diblock copolymers. , 1993, , 88-92.		0
895	The ordering of thin films of symmetric diblock copolymers. , 1993, , 97-100.		3
896	Neutron reflectivity studies of ordered copolymer films. <i>European Physical Journal Special Topics</i> , 1993, 03, C8-41-C8-47.	0.2	0
897	Configuration of grafted polystyrene chains in the melt: Temperature and concentration dependence. <i>Physical Review Letters</i> , 1992, 69, 776-779.	7.8	37
898	High-pressure phase transition in γ -hexanitrohexaazaisowurtzitane. <i>The Journal of Physical Chemistry</i> , 1992, 96, 5509-5512.	2.9	71
899	Thin film order of symmetric diblock copolymers. <i>Macromolecular Symposia</i> , 1992, 62, 157-165.	0.7	6
900	Ordering of thin diblock copolymer films. <i>Physical Review Letters</i> , 1992, 68, 67-70.	7.8	174

#	ARTICLE	IF	CITATIONS
901	Homopolymer distributions in ordered block copolymers. <i>Macromolecules</i> , 1992, 25, 6523-6531.	4.9	125
902	Hairpin configurations of triblock copolymers at homopolymer interfaces. <i>Macromolecules</i> , 1992, 25, 5783-5789.	4.9	20
903	Adsorption of copolymer chains from a melt onto a flat surface. <i>Macromolecules</i> , 1992, 25, 783-787.	4.9	29
904	Dynamics of (micro)phase separation during fast, bulk copolymerization: some synchrotron SAXS experiments. <i>Macromolecules</i> , 1991, 24, 2883-2889.	4.9	72
905	Segregation of low molecular weight symmetric diblock copolymers at the interface of high molecular weight homopolymers. <i>Macromolecules</i> , 1991, 24, 2931-2935.	4.9	51
906	Ordering at diblock copolymer surfaces. <i>Macromolecules</i> , 1991, 24, 252-255.	4.9	47
907	Width of homopolymer interfaces in the presence of symmetric diblock copolymers. <i>Macromolecules</i> , 1991, 24, 5721-5726.	4.9	95
908	Imide-aryl ether phenylquinoxaline block copolymers. <i>Macromolecules</i> , 1991, 24, 4559-4566.	4.9	12
909	Behavior of isotopic, binary polymer blends in the vicinity of neutral surfaces: the effects of chain-length disparity. <i>Macromolecules</i> , 1991, 24, 3816-3820.	4.9	46
910	Segment density distribution of symmetric diblock copolymers at the interface between two homopolymers as revealed by neutron reflectivity. <i>Macromolecules</i> , 1991, 24, 1575-1582.	4.9	91
911	Unconventional morphologies of symmetric, diblock copolymers due to film thickness constraints. <i>Macromolecules</i> , 1991, 24, 6263-6269.	4.9	99
912	Surface segregation in binary polymer mixtures: a lattice model. <i>Macromolecules</i> , 1991, 24, 4909-4917.	4.9	102
913	The Characterization of Polymer Interfaces. <i>Annual Review of Materials Research</i> , 1991, 21, 249-268.	5.7	49
914	Thermal Decomposition of Energetic Materials. 43. Fast thermolysis of cubylammonium nitrate and cubane-1,4-diammonium dinitrate. <i>Propellants, Explosives, Pyrotechnics</i> , 1991, 16, 27-30.	2.0	5
915	Thermal decomposition of energetic materials. 44. Rapid thermal decomposition of the propyl-1,3-diammonium salts of NO ₃ ⁻ and ClO ₄ ⁻ , and the crystal structure of the ClO ₄ ⁻ salt. <i>Journal of Chemical Crystallography</i> , 1991, 21, 167-171.	1.0	8
916	Conformation of Grafted Polystyrene Chains in a Melt. <i>Europhysics Letters</i> , 1991, 15, 725-730.	2.0	23
917	Surface-induced ordering of an aromatic polyimide. <i>Physical Review Letters</i> , 1991, 66, 1181-1184.	7.8	113
918	Thermal Decomposition of energetic materials. 39. Fast thermolysis patterns of poly(methyl), poly(ethyl), and primary alkylammonium mononitrate salts. <i>Propellants, Explosives, Pyrotechnics</i> , 1990, 15, 66-72.	2.0	10

#	ARTICLE	IF	CITATIONS
919	Thermal Decomposition of Energetic Materials. 40. Fast thermolysis patterns of Alkanediammonium dinitrate salts. Propellants, Explosives, Pyrotechnics, 1990, 15, 77-80.	2.0	12
920	Thermal Decomposition of Energetic Materials 41. Fast thermolysis of cyclic and acyclic ethanediammonium dinitrate salts and their oxonium nitrate double salts, and the crystal structure of piperazinium dinitrate. Propellants, Explosives, Pyrotechnics, 1990, 15, 81-86.	2.0	8
921	Thermal Decomposition of Energetic Materials. 42. Fast thermal decomposition of five N-Methyl substituted ethanediammonium dinitrate salts. Propellants, Explosives, Pyrotechnics, 1990, 15, 123-126.	2.0	9
922	The Form of the Enriched Surface Layer in Polymer Blends. Europhysics Letters, 1990, 12, 41-46.	2.0	115
923	Short-time relaxation at polymeric interfaces. Physical Review B, 1990, 42, 6846-6849.	3.2	78
924	Equilibrium surface composition of diblock copolymers. Journal of Chemical Physics, 1990, 92, 1478-1482.	2.9	69
925	The morphology of symmetric diblock copolymers as revealed by neutron reflectivity. Journal of Chemical Physics, 1990, 92, 5677-5691.	2.9	347
926	Temperature dependence of the interaction parameter of polystyrene and poly(methyl methacrylate). Macromolecules, 1990, 23, 890-893.	4.9	413
927	Microphase separation transition of a triblock copolymer. Macromolecules, 1990, 23, 877-881.	4.9	29
928	Concentration fluctuations in mixtures of linear and star-shaped polymers. Macromolecules, 1990, 23, 654-659.	4.9	24
929	A lattice model for the surface segregation of polymer chains due to molecular weight effects. Macromolecules, 1990, 23, 3584-3592.	4.9	127
930	Neutron reflectivity study of block copolymers adsorbed from solution. Macromolecules, 1990, 23, 3860-3864.	4.9	49
931	Phase-separation kinetics of mixtures of linear and star-shaped polymers. Macromolecules, 1990, 23, 4452-4455.	4.9	10
932	Behavior of Block Copolymers in Thin Films. MRS Bulletin, 1989, 14, 33-37.	4.1	9
933	Transitions to Liquid Crystalline Phases in a Semifluorinated Alkane. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1989, 168, 63-82.	0.4	62
934	The structural basis of transitions between highly ordered smectic phases in semifluorinated alkanes. Liquid Crystals, 1989, 5, 1783-1788.	2.2	83
935	Thermal decomposition of energetic materials 31â€”Fast thermolysis of ammonium nitrate, ethylenediammonium dinitrate and hydrazinium nitrate and the relationship to the burning rate. Combustion and Flame, 1989, 76, 393-401.	5.2	52
936	Swelling behavior of an aromatic polyimide. Journal of Polymer Science, Part B: Polymer Physics, 1989, 27, 2131-2144.	2.4	41

#	ARTICLE	IF	CITATIONS
937	Investigation of the microphase separation transition in low-molecular-weight diblock copolymers. <i>Macromolecules</i> , 1989, 22, 3380-3387.	4.9	85
938	Surface interaction in solvent-cast polystyrene-poly(methyl methacrylate) diblock copolymers. <i>Macromolecules</i> , 1989, 22, 2189-2194.	4.9	86
939	Temperature dependence of tracer diffusion of homopolymers into nonequilibrium diblock copolymer structures. <i>Macromolecules</i> , 1989, 22, 908-913.	4.9	19
940	Morphological changes in polyesters and polyamides induced by blending with small concentrations of polymer diluents. <i>Macromolecules</i> , 1989, 22, 666-675.	4.9	198
941	Structural modifications in hydroxy ether-dimethyldiphenylsiloxane copolymers. <i>Macromolecules</i> , 1989, 22, 4470-4477.	4.9	25
942	Neutron reflectivity studies of the surface-induced ordering of diblock copolymer films. <i>Physical Review Letters</i> , 1989, 62, 1852-1855.	7.8	447
943	Surface-induced orientation of symmetric, diblock copolymers: a secondary ion mass-spectrometry study. <i>Macromolecules</i> , 1989, 22, 2581-2589.	4.9	358
944	Characteristics of the surface-induced orientation for symmetric diblock PS/PMMA copolymers. <i>Macromolecules</i> , 1989, 22, 4600-4606.	4.9	307
945	Order-disorder transitions in mixtures of homopolymers with diblock copolymers. <i>Macromolecules</i> , 1989, 22, 3388-3394.	4.9	28
946	Synthesis and characterization of a model saturated hydrocarbon diblock copolymer. <i>Macromolecules</i> , 1989, 22, 2557-2564.	4.9	81
947	Interfacial Segregation Effects in Mixtures of Homopolymers with Copolymers.. <i>Materials Research Society Symposia Proceedings</i> , 1989, 171, 343.	0.1	2
948	Solvent and Curing Effects on Diffusion at Polyimide Interfaces. <i>Materials Research Society Symposia Proceedings</i> , 1989, 153, 239.	0.1	5
949	Solvent and Curing Effects on Diffusion at Polyimide Interfaces. <i>Materials Research Society Symposia Proceedings</i> , 1989, 154, 283.	0.1	1
950	The Morphology of Symietric Diblock Copolymers as Revealed by Neutron Reflectivity. <i>Materials Research Society Symposia Proceedings</i> , 1989, 166, 139.	0.1	0
951	Temperature Dependence of the Morphology of Thin Diblock Copolymer Films as Revealed by Neutron Reflectivity. <i>Materials Research Society Symposia Proceedings</i> , 1989, 166, 145.	0.1	1
952	Diblock Copolymers at Surfaces. <i>Materials Research Society Symposia Proceedings</i> , 1989, 171, 317.	0.1	0
953	Synthesis and properties of segmented poly(hydroxyether-siloxane). <i>Macromolecular Symposia</i> , 1989, 25, 155-166.	0.7	0
954	Intercalibration of small-angle X-ray and neutron scattering data. <i>Journal of Applied Crystallography</i> , 1988, 21, 629-638.	4.6	166

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955	Neutron and x-ray scattering studies on semicrystalline polymer blends. <i>Macromolecules</i> , 1988, 21, 1703-1709.	4.9	183
956	The microstructure of block copolymers formed via ionic interactions. <i>Macromolecules</i> , 1988, 21, 1709-1717.	4.9	73
957	Specular reflectivity of neutrons by thin polymer films. <i>Macromolecules</i> , 1988, 21, 1890-1893.	4.9	94
958	Diffusion of homopolymers into nonequilibrium block copolymer structures. 1. Molecular weight dependence. <i>Macromolecules</i> , 1988, 21, 3266-3273.	4.9	39
959	Synthesis and properties of segmented and block poly(hydroxyether-siloxane) copolymers. <i>Macromolecules</i> , 1988, 21, 1967-1977.	4.9	18
960	Reflectivity of Soft X-Rays by Polymer Mixtures. <i>Materials Research Society Symposia Proceedings</i> , 1988, 143, 265.	0.1	3
961	Concentration fluctuations of polystyrene-polybutadiene blends. <i>Physical Review B</i> , 1987, 35, 8566-8571.	3.2	3
962	Interactions in mixtures of poly(ethylene oxide) and poly(methyl methacrylate). <i>Macromolecules</i> , 1987, 20, 2213-2220.	4.9	164
963	Small-angle x-ray scattering studies of polymer colloids: nonaqueous dispersions of poly(isobutylene)-stabilized poly(methyl methacrylate) particles. <i>Macromolecules</i> , 1987, 20, 899-901.	4.9	12
964	Observation of cluster formation in an ionomer. <i>Macromolecules</i> , 1987, 20, 3091-3094.	4.9	61
965	Intermolecular polarization transfer study of polymer blend compatibility. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1987, 25, 61-65.	0.7	39
966	X-ray studies on the deformation of an aromatic polyimide. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1987, 25, 1129-1148.	2.4	30
967	Ionic aggregation in model ionomers. <i>Macromolecules</i> , 1986, 19, 2877-2884.	4.9	100
968	Structural characterization of semifluorinated n-alkanes. 2. Solid-solid transition behavior. <i>Macromolecules</i> , 1986, 19, 1135-1143.	4.9	161
969	Kinetics of crystallization in semicrystalline/amorphous polymer mixtures. <i>Macromolecules</i> , 1986, 19, 1143-1152.	4.9	233
970	Simultaneous SAXS-DSC study of multiple endothermic behavior in polyether-based polyurethane block copolymers. <i>Macromolecules</i> , 1986, 19, 714-720.	4.9	327
971	Interdiffusion in Polyimide Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 1986, 72, 195.	0.1	1
972	Scattering Studies on Mixtures of Poly(Ethylene Oxide) with Poly(Methyl Methacrylate). <i>Materials Research Society Symposia Proceedings</i> , 1986, 79, 87.	0.1	0

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973	Rutherford backscattering spectrometry studies of iodine diffusion in polyimide. Journal of Polymer Science, Part B: Polymer Physics, 1986, 24, 263-277.	2.4	24
974	Simultaneous differential scanning calorimetry and small-angle x-ray scattering. Journal of Polymer Science, Polymer Physics Edition, 1985, 23, 1109-1115.	1.0	60
975	Observations of a gel phase in binary mixtures of semifluorinated n-alkanes with hydrocarbon liquids. Macromolecules, 1985, 18, 1361-1362.	4.9	112
976	Thermodynamics of phase separation in polymer mixtures. Macromolecules, 1985, 18, 665-670.	4.9	17
977	Phase separation in low molecular weight polymer mixtures. Macromolecules, 1985, 18, 78-83.	4.9	44
978	Concerning voids in polyimide. Polymer Engineering and Science, 1984, 24, 345-349.	3.1	29
979	A small-angle X-ray scattering study of an aromatic polyimide. Journal of Polymer Science, Polymer Physics Edition, 1984, 22, 1105-1117.	1.0	121
980	Structural studies of semifluorinated n-alkanes. 1. Synthesis and characterization of F(CF ₂) _n (CH ₂) _m H in the solid state. Macromolecules, 1984, 17, 2786-2794.	4.9	232
981	Rheoptical investigation of the transition behavior of polyphosphazenes. Macromolecules, 1984, 17, 1795-1799.	4.9	20
982	An absolute intensity standard for small-angle X-ray scattering measured with position-sensitive detectors. Journal of Applied Crystallography, 1983, 16, 473-478.	4.6	18
983	An investigation of the compatibility and morphology of semicrystalline poly(ε-caprolactone)-poly(vinyl chloride) blends. Journal of Polymer Science, Polymer Physics Edition, 1983, 21, 999-1010.	1.0	67
984	In-plane orientation of polyimide. Journal of Polymer Science, Polymer Physics Edition, 1983, 21, 1745-1756.	1.0	189
985	Small-angle x-ray and neutron scattering studies of amorphous polymer blends. Journal of Polymer Science, Polymer Physics Edition, 1982, 20, 1593-1607.	1.0	23
986	Small-angle x-ray scattering study of ionomer deformation. Journal of Polymer Science, Polymer Physics Edition, 1980, 18, 1497-1512.	1.0	60
987	Scattering studies from polymer blends. Journal of Macromolecular Science - Physics, 1980, 17, 617-624.	1.0	15
988	Total integrated light-scattering intensity from polymeric solids. Journal of Polymer Science, Polymer Physics Edition, 1979, 17, 1719-1730.	1.0	85
989	A calibration procedure for a low-angle light-scattering apparatus. Journal of Polymer Science, Polymer Physics Edition, 1978, 16, 1879-1882.	1.0	7
990	Standard potential of the mercury-mercurous benzoate electrode at 20.degree.C. Journal of Chemical & Engineering Data, 1977, 22, 370-371.	1.9	2

#	ARTICLE	IF	CITATIONS
991	Presença de fatores terapêuticos em atendimentos grupais em sala de espera. Revista Eletrônica De Enfermagem, 0, 24, .	0.1	0
992	In Situ Hydrolysis of Block Copolymers at the Water/Oil Interface. Angewandte Chemie, 0, , .	2.1	1
993	Advancing access to Medicare-funded mental health treatment during the opioid epidemic: A counselor advocacy analysis. Journal of Counseling and Development, 0, , .	2.5	0
994	Stabilizing Liquids Using Interfacial Supramolecular Assemblies. Angewandte Chemie, 0, , .	2.1	0
995	Reconfigurable Magnetic Liquid Building Blocks for Constructing Artificial Spinal Column Tissues. Advanced Science, 0, , .	12.1	1
996	Relaxing Wrinkles in Jammed Interfacial Assemblies. Angewandte Chemie, 0, , .	2.1	0
997	Quantitative X-ray scattering and reflectivity measurements of polymer thin films with 2D detectors. Journal of Polymer Science, 0, , .	4.1	2
998	Interfacial Fabrication of Supramolecular Polymer Networks Using Mussel-Inspired Catechol-Iron Complexes. Macromolecules, 0, , .	4.9	2
999	Imaging a solvent-swollen polymer gel network by open liquid transmission electron microscopy. Journal of Polymer Science, 0, , .	4.1	0
1000	Repairable and Reconfigurable Structured Liquid Circuits. Advanced Functional Materials, 0, , .	16.0	0
1001	Crystallization of Bottlebrush Statistical Copolymers of Polystyrene and Poly(ethylene oxide). Macromolecules, 0, , .	4.9	0
1002	Responsive Hydrogel Aquabots. Advanced Science, 0, , .	12.1	0
1003	Spatial and Bidirectional Work Function Modulation of Monolayer Graphene with Patterned Polymer Fluorozwitterists. ACS Central Science, 0, , .	11.7	0
1004	Diamine chelates for increased stability in mixed Sn-Pb and all-perovskite tandem solar cells. Nature Energy, 0, , .	28.8	0