Ian Manners

List of Publications by Year
in descending order

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		1883	4419
544	39,495	102	172
papers	citations	h-index	g-index

578	578	578	17489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ammonia-Borane and Related Compounds as Dihydrogen Sources. Chemical Reviews, 2010, 110, 4079-4124.	23.0	1,106
2	Cylindrical Block Copolymer Micelles and Co-Micelles of Controlled Length and Architecture. Science, 2007, 317, 644-647.	6.0	1,025
3	Functional soft materials from metallopolymers and metallosupramolecular polymers. Nature Materials, 2011, 10, 176-188.	13.3	922
4	Photonic-crystal full-colour displays. Nature Photonics, 2007, 1, 468-472.	15.6	822
5	Functional Block Copolymers: Nanostructured Materials with Emerging Applications. Angewandte Chemie - International Edition, 2012, 51, 7898-7921.	7.2	627
6	Amineâ˜' and Phosphineâ˜'Borane Adducts: New Interest in Old Molecules. Chemical Reviews, 2010, 110, 4023-4078.	23.0	602
7	Ring-opening polymerization of strained, ring-tilted ferrocenophanes: a route to high-molecular-weight poly(ferrocenylsilanes). Journal of the American Chemical Society, 1992, 114, 6246-6248.	6.6	584
8	Transition Metal-Catalyzed Formation of Boronâ˜'Nitrogen Bonds:Â Catalytic Dehydrocoupling of Amine-Borane Adducts to Form Aminoboranes and Borazines. Journal of the American Chemical Society, 2003, 125, 9424-9434.	6.6	570
9	Monodisperse cylindrical micelles by crystallization-driven living self-assembly. Nature Chemistry, 2010, 2, 566-570.	6.6	537
10	Polymers and the Periodic Table: Recent Developments in Inorganic Polymer Science. Angewandte Chemie International Edition in English, 1996, 35, 1602-1621.	4.4	507
11	Multidimensional hierarchical self-assembly of amphiphilic cylindrical block comicelles. Science, 2015, 347, 1329-1332.	6.0	443
12	Complex and hierarchical micelle architectures from diblock copolymers using living, crystallization-driven polymerizations. Nature Materials, 2009, 8, 144-150.	13.3	429
13	From colour fingerprinting to the control of photoluminescence in elastic photonic crystals. Nature Materials, 2006, 5, 179-184.	13.3	392
14	Self-Assembly of Organometallic Block Copolymers:â€‰ The Role of Crystallinity of the Core-Forming Polyferrocene Block in the Micellar Morphologies Formed by Poly(ferrocenylsilane-b-dimethylsiloxane) in n-Alkane Solvents. Journal of the American Chemical Society, 2000, 122, 11577-11584.	6.6	356
15	Transition Metal-Based Polymers with Controlled Architectures:Â Well-Defined Poly(ferrocenylsilane) Homopolymers and Multiblock Copolymers via the Living Anionic Ring-Opening Polymerization of Silicon-Bridged [1]Ferrocenophanes. Journal of the American Chemical Society, 1996, 118, 4102-4114.	6.6	345
16	Linear Oligo(ferrocenyldimethylsilanes) with between Two and Nine Ferrocene Units:Â Electrochemical and Structural Models for Poly(ferrocenylsilane) High Polymers. Journal of the American Chemical Society, 1996, 118, 12683-12695.	6.6	344
17	Non-Centrosymmetric Cylindrical Micelles by Unidirectional Growth. Science, 2012, 337, 559-562.	6.0	342
18	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. Nature Chemistry, 2014, 6, 893-898.	6.6	329

#	Article	IF	Citations
19	Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. Science, 2016, 352, 697-701.	6.0	305
20	Self-Assembly of a Novel Organometallicâ”Inorganic Block Copolymer in Solution and the Solid State:Â Nonintrusive Observation of Novel Wormlike Poly(ferrocenyldimethylsilane)-b-Poly(dimethylsiloxane) Micelles. Journal of the American Chemical Society, 1998, 120, 9533-9540.	6.6	303
21	50th Anniversary Perspective: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. Macromolecules, 2017, 50, 3439-3463.	2.2	295
22	Catalytic Dehydrocoupling/Dehydrogenation ofN-Methylamine-Borane and Ammonia-Borane: Synthesis and Characterization of High Molecular Weight Polyaminoboranes. Journal of the American Chemical Society, 2010, 132, 13332-13345.	6.6	280
23	Heterogeneous or Homogeneous Catalysis? Mechanistic Studies of the Rhodium-Catalyzed Dehydrocoupling of Amine-Borane and Phosphine-Borane Adducts. Journal of the American Chemical Society, 2004, 126, 9776-9785.	6.6	278
24	Long-range exciton transport in conjugated polymer nanofibers prepared by seeded growth. Science, 2018, 360, 897-900.	6.0	277
25	Electroactive Inverse Opal: A Single Material for All Colors. Angewandte Chemie - International Edition, 2009, 48, 943-947.	7.2	270
26	Shaped Ceramics with Tunable Magnetic Properties from Metal-Containing Polymers. Science, 2000, 287, 1460-1463.	6.0	266
27	Transition-Metal-Catalyzed Dehydrocoupling: A Convenient Route to Bonds between Main-Group Elements. Chemistry - A European Journal, 2006, 12, 8634-8648.	1.7	265
28	Polyferrocenylsilanes: synthesis, properties, and applications. Chemical Society Reviews, 2016, 45, 5358-5407.	18.7	259
29	Iridiumâ€Catalyzed Dehydrocoupling of Primary Amineâ€“Borane Adducts: A Route to High Molecular Weight Polyaminoboranes, Boronâ€“Nitrogen Analogues of Polyolefins. Angewandte Chemie - International Edition, 2008, 47, 6212-6215.	7.2	253
30	Catalysis in service of main group chemistry offers a versatile approach to p-block molecules and materials. Nature Chemistry, 2013, 5, 817-829.	6.6	245
31	Nanotubes from the Self-Assembly of Asymmetric Crystallineâ”Coil Poly(ferrocenylsilaneâ”siloxane) Block Copolymers. Journal of the American Chemical Society, 2002, 124, 10381-10395.	6.6	243
32	Colour-tunable fluorescent multiblock micelles. Nature Communications, 2014, 5, 3372.	5.8	243
33	Cylindrical Micelles of Controlled Length with a Ï€-Conjugated Polythiophene Core via Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2011, 133, 8842-8845.	6.6	235
34	Rhodium-catalyzed formation of boronâ€“nitrogen bonds: a mild route to cyclic aminoboranes and borazines. Chemical Communications, 2001, , 962-963.	2.2	233
35	Homogeneous, Titanocene-Catalyzed Dehydrocoupling of Amineâ”Borane Adducts. Journal of the American Chemical Society, 2006, 128, 9582-9583.	6.6	228
36	Polyferrocenylsilanes: Metal-Containing Polymers for Materials Science, Self-Assembly and Nanostructure Applications. Macromolecular Rapid Communications, 2001, 22, 711-724.	2.0	226

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37	Strained Metallocenophanes and Related Organometallic Rings Containing Ï€-Hydrocarbon Ligands and Transition-Metal Centers. Angewandte Chemie - International Edition, 2007, 46, 5060-5081.	7.2	225
38	Poly(ferrocenylsilanes): novel organometallic plastics. Chemical Communications, 1999, , 857-865.	2.2	224
39	Transition Metal-Catalyzed Formation of Phosphorusâ^'Boron Bonds:Â A New Route to Phosphinoborane Rings, Chains, and Macromolecules. Journal of the American Chemical Society, 2000, 122, 6669-6678.	6.6	208
40	Homogeneous Catalytic Dehydrocoupling/Dehydrogenation of Amineâ^'Borane Adducts by Early Transition Metal, Group 4 Metallocene Complexes. Journal of the American Chemical Society, 2010, 132, 3831-3841.	6.6	204
41	Highly Efficient Colloidal Cobalt- and Rhodium-Catalyzed Hydrolysis of H₃NÂ·BH₃ in Air. Inorganic Chemistry, 2007, 46, 7522-7527.	1.9	203
42	Influence of the Interplay of Crystallization and Chain Stretching on Micellar Morphologies:Â Solution Self-Assembly of Coilâ^'Crystalline Poly(isoprene-block-ferrocenylsilane). Macromolecules, 2002, 35, 8258-8260.	2.2	192
43	Length Control and Block-Type Architectures in Worm-like Micelles with Polyethylene Cores. Journal of the American Chemical Society, 2012, 134, 14217-14225.	6.6	191
44	Anionic ring-opening oligomerization and polymerization of silicon-bridged [1]ferrocenophanes: Characterization of short-chain models for poly(ferrocenylsilane) high polymers. Journal of the American Chemical Society, 1994, 116, 797-798.	6.6	188
45	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via â€œLivingâ€•Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2017, 139, 7136-7139.	6.6	187
46	Metallopolymers with emerging applications. Materials Today, 2008, 11, 28-36.	8.3	185
47	Uniform, High Aspect Ratio Fiber-like Micelles and Block Co-micelles with a Crystalline Ï€-Conjugated Polythiophene Core by Self-Seeding. Journal of the American Chemical Society, 2014, 136, 4121-4124.	6.6	181
48	Two-dimensional assemblies from crystallizable homopolymers with charged termini. Nature Materials, 2017, 16, 481-488.	13.3	179
49	Functional nanoparticles through Ï€-conjugated polymer self-assembly. Nature Reviews Materials, 2021, 6, 7-26.	23.3	179
50	Rhodium-Catalyzed Formation of Phosphorus-Boron Bonds: Synthesis of the First High Molecular Weight Poly(phosphinoborane). Angewandte Chemie - International Edition, 1999, 38, 3321-3323.	7.2	174
51	Scalable and uniform 1D nanoparticles by synchronous polymerization, crystallization and self-assembly. Nature Chemistry, 2017, 9, 785-792.	6.6	174
52	Organometallic Ferrocenyl Polymers Displaying Tunable Cooperative Interactions between Transition Metal Centers. Angewandte Chemie International Edition in English, 1993, 32, 1709-1711.	4.4	167
53	Fabrication of Oriented Nanoscopic Ceramic Lines from Cylindrical Micelles of an Organometallic Polyferrocene Block Copolymer. Journal of the American Chemical Society, 2001, 123, 3147-3148.	6.6	167
54	Photocontrolled living polymerizations. Nature Materials, 2006, 5, 467-470.	13.3	166

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55	Synthesis, Electronic Structure, and Novel Reactivity of Strained, Boron-Bridged [1]Ferrocenophanes. Journal of the American Chemical Society, 2000, 122, 5765-5774.	6.6	158
56	Synthetic Covalent and Nonâ€Covalent 2D Materials. Angewandte Chemie - International Edition, 2015, 54, 13876-13894.	7.2	157
57	The polymerization behavior of [1]- and [2]ferrocenophanes containing silicon atoms in the bridge: comparison of the molecular structure of the strained, polymerizable cyclic ferrocenylsilane Fe(.eta.-C5H4)2(SiMe2) with that of the cyclic ferrocenyldisilane Fe(.eta.-C5H4)2(SiMe2)2. Organometallics, 1993, 12, 823-829.	1.1	153
58	Inorganic block copolymer lithography. Polymer, 2013, 54, 1269-1284.	1.8	150
59	Surface Passivation of Luminescent Colloidal Quantum Dots with Poly(Dimethylaminoethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5 126, 7784-7785.	6.6	147
60	Selfâ€Seeding in One Dimension: An Approach To Control the Length of Fiberlike Polyisopreneâ€“Polyferrocenylsilane Block Copolymer Micelles. Angewandte Chemie - International Edition, 2011, 50, 1622-1625.	7.2	141
61	Cylindrical Block Co-Micelles with Spatially Selective Functionalization by Nanoparticles. Journal of the American Chemical Society, 2007, 129, 12924-12925.	6.6	140
62	Photoactivated, Ironâ€Catalyzed Dehydrocoupling of Amineâ€“Borane Adducts: Formation of Boronâ€“Nitrogen Oligomers and Polymers. Chemistry - A European Journal, 2011, 17, 4099-4103.	1.7	136
63	Stimulus-Responsive Self-Assembly: Reversible, Redox-Controlled Micellization of Polyferrocenylsilane Diblock Copolymers. Journal of the American Chemical Society, 2011, 133, 8903-8913.	6.6	134
64	A Polyferroplatinyne Precursor for the Rapid Fabrication of L1₀â€FePtâ€type Bit Patterned Media by Nanoimprint Lithography. Advanced Materials, 2012, 24, 1034-1040.	11.1	134
65	Mechanistic Studies of the Dehydrocoupling and Dehydropolymerization of Amineâ€“Boranes Using a [Rh(Xantphos)]⁺ Catalyst. Journal of the American Chemical Society, 2014, 136, 9078-9093.	6.6	134
66	Nanofiber micelles from the self-assembly of block copolymers. Trends in Biotechnology, 2010, 28, 84-92.	4.9	132
67	Synthesis, Characterization, and Properties of High Molecular Weight Unsymmetrically Substituted Poly(ferrocenylsilanes). Macromolecules, 1994, 27, 3992-3999.	2.2	131
68	Polymere und das Periodensystem: neue Entwicklungen bei anorganischen Polymeren. Angewandte Chemie, 1996, 108, 1712-1731.	1.6	126
69	Emerging applications for living crystallization-driven self-assembly. Chemical Science, 2021, 12, 4661-4682.	3.7	126
70	Polyphosphazene Block Copolymers via the Controlled Cationic, Ambient Temperature Polymerization of Phosphoranimines. Macromolecules, 1997, 30, 2213-2215.	2.2	124
71	Self-assembly of â€œpatchyâ€•nanoparticles: a versatile approach to functional hierarchical materials. Chemical Science, 2015, 6, 3663-3673.	3.7	124
72	Evaluation of Phosphorescent Rhenium and Iridium Complexes in Polythionylphosphazene Films for Oxygen Sensor Applications. Chemistry of Materials, 2005, 17, 4765-4773.	3.2	123

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73	Synthesis, Reactivity, and Ring-Opening Polymerization (ROP) of Tin-Bridged [1]Ferrocenophanes. Chemistry - A European Journal, 1998, 4, 2117-2128.	1.7	122
74	Length control of supramolecular polymeric nanofibers based on stacked planar platinum(<scp>ii</scp>) complexes by seeded-growth. Chemical Communications, 2015, 51, 15921-15924.	2.2	122
75	Nanostructured Magnetic Thin Films from Organometallic Block Copolymers: Pyrolysis of Self-Assembled Polystyrene-block-poly(ferrocenylethylmethylsilane). ACS Nano, 2008, 2, 263-270.	7.3	121
76	Ambient-Temperature Direct Synthesis of Poly(organophosphazenes) via the â€œLivingâ€•Cationic Polymerization of Organo-Substituted Phosphoranimines. Macromolecules, 1997, 30, 50-56.	2.2	120
77	Redox-Induced Synthesis and Encapsulation of Metal Nanoparticles in Shell-Cross-Linked Organometallic Nanotubes. Journal of the American Chemical Society, 2005, 127, 8924-8925.	6.6	120
78	Uniform electroactive fibre-like micelle nanowires for organic electronics. Nature Communications, 2017, 8, 15909.	5.8	120
79	Cylindrical Micelles from the Aqueous Self-Assembly of an Amphiphilic Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 the Block Junction. Chemistry - A European Journal, 2004, 10, 4315-4323.	1.7	119
80	Templated Self-Assembly of Square Symmetry Arrays from an ABC Triblock Terpolymer. Nano Letters, 2009, 9, 4364-4369.	4.5	119
81	Redox-Active Organometallic Vesicles: Aqueous Self-Assembly of a Diblock Copolymer with a Hydrophilic Polyferrocenylsilane Polyelectrolyte Block. Angewandte Chemie - International Edition, 2004, 43, 1260-1264.	7.2	118
82	Living Anionic Polymerization of Phosphorus-Bridged [1]Ferrocenophanes:â€‰ Synthesis and Characterization of Well-Defined Poly(ferrocenylphosphine) Homopolymers and Block Copolymers. Macromolecules, 1999, 32, 2830-2837.	2.2	117
83	High-Quality Single-Walled Carbon Nanotubes with Small Diameter, Controlled Density, and Ordered Locations Using a Polyferrocenylsilane Block Copolymer Catalyst Precursor. Chemistry of Materials, 2005, 17, 2227-2231.	3.2	117
84	Homogeneous Catalytic Dehydrogenation/Dehydrocoupling of Amine-Borane Adducts by the Rh(I) Wilkinsonâ€™s Complex Analogue RhCl(PHCy₂)₃(Cy = cyclohexyl). Inorganic Chemistry, 2009, 48, 2429-2435.	1.9	117
85	Pyrolysis of Poly(ferrocenylsilanes): Synthesis and Characterization of Ferromagnetic Transition-Metal-Containing Ceramics and Molecular Depolymerization Products. Chemistry of Materials, 1995, 7, 2045-2053.	3.2	116
86	Redox-Mediated Synthesis and Encapsulation of Inorganic Nanoparticles in Shell-Cross-Linked Cylindrical Polyferrocenylsilane Block Copolymer Micelles. Journal of the American Chemical Society, 2008, 130, 12921-12930.	6.6	115
87	Catching the First Oligomerization Event in the Catalytic Formation of Polyaminoboranes: H₃BÂ·NMeHBH₂Â·NMeH₂ Bound to Iridium. Journal of the American Chemical Society, 2011, 133, 11076-11079.	6.6	114
88	Density control of single-walled carbon nanotubes using patterned iron nanoparticle catalysts derived from phase-separated thin films of a polyferrocene block copolymerElectronic supplementary information (ESI) available: synthesis of PS-b-PFEMS, SWNT growth and characterization. See http://www.rsc.org/suppdata/jm/b4/b403831b/. Journal of Materials Chemistry, 2004, 14, 1791.	6.7	113
89	Rhodium-Catalyzed Dehydrocoupling of Fluorinated Phosphine-Borane Adducts: Synthesis, Characterization, and Properties of Cyclic and Polymeric Phosphinoboranes with Electron-Withdrawing Substituents at Phosphorus. Chemistry - A European Journal, 2005, 11, 4526-4534.	1.7	113
90	Polyferrocenylsilane Microspheres:Â Synthesis, Mechanism of Formation, Size and Charge Tunability, Electrostatic Self-Assembly, and Pyrolysis to Spherical Magnetic Ceramic Particles. Journal of the American Chemical Society, 2002, 124, 12522-12534.	6.6	112

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91	Diblock Copolymers with Amorphous Atactic Polyferrocenylsilane Blocks:Â Synthesis, Characterization, and Self-Assembly of Polystyrene-block-poly(ferrocenylethylmethylsilane) in the Bulk State. Macromolecules, 2005, 38, 6931-6938.	2.2	112
92	Ring-Opening Polymerization of a [1]Silaferrocenophane Within the Channels of Mesoporous Silica: Poly(ferrocenylsilane)-MCM-41 Precursors to Magnetic Iron Nanostructures. Advanced Materials, 1998, 10, 144-149.	11.1	109
93	Monodisperse Cylindrical Micelles of Controlled Length with a Liquidâ€Crystalline Perfluorinated Core by 1D â€œSelfâ€Seedingâ€• Angewandte Chemie - International Edition, 2016, 55, 11392-11396.	7.2	108
94	Genesis of Nanostructured, Magnetically Tunable Ceramics from the Pyrolysis of Cross-Linked Polyferrocenylsilane Networks and Formation of Shaped Macroscopic Objects and Micron Scale Patterns by Micromolding Inside Silicon Wafers. Journal of the American Chemical Society, 2002, 124, 2625-2639.	6.6	107
95	Synthesis, Characterization, and Properties of the Polyphosphinoboranes [RPHâ^'BH2]n (R = Ph, iBu,) Tj ETQq1 1 0.784314 rgBT /Ove Macromolecules, 2003, 36, 291-297.	2.2	107
96	Synthesis and Lithographic Patterning of FePt Nanoparticles Using a Bimetallic Metallopolyyne Precursor. Angewandte Chemie - International Edition, 2008, 47, 1255-1259.	7.2	107
97	Superparamagnetic Ceramic Nanocomposites:Â Synthesis and Pyrolysis of Ring-Opened Poly(ferrocenylsilanes) inside Periodic Mesoporous Silica. Journal of the American Chemical Society, 2000, 122, 3878-3891.	6.6	106
98	Iron-Catalyzed Dehydrocoupling/Dehydrogenation of Amineâ€“Boranes. Journal of the American Chemical Society, 2014, 136, 3048-3064.	6.6	106
99	Shell-Cross-Linked Cylindrical Polyisoprene-b-Polyferrocenylsilane (PI-b-PFS) Block Copolymer Micelles:Â One-Dimensional (1D) Organometallic Nanocylinders. Journal of the American Chemical Society, 2007, 129, 5630-5639.	6.6	105
100	Pointedâ€Ovalâ€Shaped Micelles from Crystallineâ€Coil Block Copolymers by Crystallizationâ€Driven Living Selfâ€Assembly. Angewandte Chemie - International Edition, 2010, 49, 8220-8223.	7.2	105
101	Transition metal catalyzed ring-opening polymerization of silicon-bridged [1]ferrocenophanes at ambient temperature. Macromolecular Rapid Communications, 1995, 16, 637-641.	2.0	104
102	The Nature of the Active Catalyst in Late Transition Metal-Mediated Ring-Opening Polymerization (ROP) Reactions:Â Mechanistic Studies of the Platinum-Catalyzed ROP of Silicon-Bridged [1]Ferrocenophanes. Journal of the American Chemical Society, 2001, 123, 1355-1364.	6.6	104
103	Tuning the [L2Rhâ‹¯H3BÂ·NR3]+ interaction using phosphine bite angle. Demonstration by the catalytic formation of polyaminoboranes. Chemical Communications, 2011, 47, 3763.	2.2	104
104	Uniform Biodegradable Fiber-Like Micelles and Block Comicelles via â€œLivingâ€•Crystallization-Driven Self-Assembly of Poly(<scp>l</scp>-lactide) Block Copolymers: The Importance of Reducing Unimer Self-Nucleation via Hydrogen Bond Disruption. Journal of the American Chemical Society, 2019, 141, 19088-19098.	6.6	104
105	Mainâ€Chain Heterobimetallic Block Copolymers: Synthesis and Selfâ€Assembly of Polyferrocenylsilaneâ€bâ€Poly(cobaltoceniumethylene). Angewandte Chemie - International Edition, 2011, 50, 5851-5855.	7.2	103
106	Oxygen Sensors Based on Mesoporous Silica Particles on Layer-by-Layer Self-assembled Films. Chemistry of Materials, 2005, 17, 3160-3171.	3.2	102
107	Fluorescent â€œBarcodeâ€•Multiblock Co-Micelles via the Living Self-Assembly of Di- and Triblock Copolymers with a Crystalline Core-Forming Metalloblock. Journal of the American Chemical Society, 2011, 133, 9095-9103.	6.6	102
108	Branched Micelles by Living Crystallization-Driven Block Copolymer Self-Assembly under Kinetic Control. Journal of the American Chemical Society, 2015, 137, 2375-2385.	6.6	101

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109	Fabrication of Continuous and Segmented Polymer/Metal Oxide Nanowires Using Cylindrical Micelles and Block Comicelles as Templates. Advanced Materials, 2009, 21, 1805-1808.	11.1	99
110	Complex and Hierarchical 2D Assemblies via Crystallization-Driven Self-Assembly of Poly(<scp>l</scp>-lactide) Homopolymers with Charged Termini. Journal of the American Chemical Society, 2017, 139, 9221-9228.	6.6	99
111	Dimensional Control and Morphological Transformations of Supramolecular Polymeric Nanofibers Based on Cofacially-Stacked Planar Amphiphilic Platinum(II) Complexes. ACS Nano, 2017, 11, 9162-9175.	7.3	99
112	Ring-Opening Polymerization of Strained, Ring-Tilted [1]Ferrocenophanes with Germanium in the Bridge: Structures of the [1]Germaferrocenophane Fe(.eta.-C5H4)2GeMe2 and the Ferrocenylgermane Fe(.eta.-C5H4GeEt2Cl)(.eta.-C5H5). Organometallics, 1994, 13, 4959-4966.	1.1	98
113	Organometallic Nanostructures: Self-Assembly of Poly(ferrocene) Block Copolymers. Advanced Materials, 1998, 10, 1559-1562.	11.1	98
114	Self-Seeding in One Dimension: A Route to Uniform Fiber-like Nanostructures from Block Copolymers with a Crystallizable Core-Forming Block. ACS Nano, 2013, 7, 3754-3766.	7.3	98
115	Tailored self-assembled photocatalytic nanofibres for visible-light-driven hydrogen production. Nature Chemistry, 2020, 12, 1150-1156.	6.6	98
116	Transition Metal Catalyzed Ring-Opening Polymerization (ROP) of Silicon-Bridged [1]Ferrocenophanes:Â Facile Molecular Weight Control and the Remarkably Convenient Synthesis of Poly(ferrocenes) with Regioregular, Comb, Star, and Block Architectures. Journal of the American Chemical Society, 1998, 120, 8348-8356.	6.6	96
117	Polymer science with transition metals and main group elements: Towards functional, supramolecular inorganic polymeric materials. Journal of Polymer Science Part A, 2002, 40, 179-191.	2.5	95
118	Color from colorless nanomaterials: Bragg reflectors made of nanoparticles. Journal of Materials Chemistry, 2009, 19, 3500.	6.7	95
119	Fiber-like Micelles via the Crystallization-Driven Solution Self-Assembly of Poly(3-hexylthiophene)-block-Poly(methyl methacrylate) Copolymers. Macromolecules, 2012, 45, 5806-5815.	2.2	95
120	Gelation of Helical Polypeptide-Random Coil Diblock Copolymers by a Nanoribbon Mechanism. Angewandte Chemie - International Edition, 2005, 44, 7964-7968.	7.2	94
121	Multi-Armed Micelles and Block Co-micelles via Crystallization-Driven Self-Assembly with Homopolymer Nanocrystals as Initiators. Journal of the American Chemical Society, 2013, 135, 12180-12183.	6.6	94
122	Gradient Crystallization-Driven Self-Assembly: Cylindrical Micelles with â€œPatchyâ€•Segmented Coronas via the Coassembly of Linear and Brush Block Copolymers. Journal of the American Chemical Society, 2014, 136, 13835-13844.	6.6	94
123	Crystallization-Driven Self-Assembly of Block Copolymers with a Short Crystallizable Core-Forming Segment: Controlling Micelle Morphology through the Influence of Molar Mass and Solvent Selectivity. Macromolecules, 2014, 47, 2361-2372.	2.2	93
124	Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. Nature Communications, 2015, 6, 8127.	5.8	93
125	Synthesis and Self-Assembly of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) Diblock Copolymers. Macromolecules, 2007, 40, 3784-3789.	2.2	92
126	Ambient Temperature, Tandem Catalytic Dehydrocouplingâ^'Hydrogenation Reactions Using Rh Colloids and Me2NHÂ·BH3as a Stoichiometric H2Source. Journal of the American Chemical Society, 2004, 126, 2698-2699.	6.6	91

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127	Probing the Structure of the Crystalline Core of Field-Aligned, Monodisperse, Cylindrical Polyisoprene-block-Polyferrocenylsilane Micelles in Solution Using Synchrotron Small- and Wide-Angle X-ray Scattering. Journal of the American Chemical Society, 2011, 133, 17056-17062.	6.6	91
128	Dimensional Control of Block Copolymer Nanofibers with a Ï€â€Conjugated Core: Crystallizationâ€Driven Solution Selfâ€Assembly of Amphiphilic Poly(3â€hexylthiophene)â€bâ€poly(2â€vinylpyridine). Chemistry - A European Journal, 2013, 19, 9186-9197.	1.7	91
129	A Micellar Sphere-to-Cylinder Transition of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) in a Selective Solvent Driven by Crystallization. Macromolecules, 2008, 41, 4380-4389.	2.2	90
130	Metalâ€Free Addition/Headâ€toâ€Tail Polymerization of Transient Phosphinoboranes, RPHâ€BH₂: A Route to Poly(alkylphosphinoboranes). Angewandte Chemie - International Edition, 2015, 54, 13782-13786.	7.2	90
131	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. Journal of the American Chemical Society, 2016, 138, 4484-4493.	6.6	90
132	Synthesis and Ring-Opening Polymerization of Highly Strained, Ring-Tilted[2]Ruthenocenophanes. Angewandte Chemie International Edition in English, 1994, 33, 989-991.	4.4	89
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