Ian Manners

List of Publications by Citations

552 papers	33,814 citations	96 h-index	161 g-index
578 ext. papers	36,648 ext. citations	9.7 avg, IF	7.51 L-index

#	Paper	IF	Citations
552	Ammonia-borane and related compounds as dihydrogen sources. *Chemical Reviews*, **2010**, 110, 4079-124	68.1	993
551	Cylindrical block copolymer micelles and co-micelles of controlled length and architecture. *Science*, **2007**, 317, 644-7	33.3	914
550	Functional soft materials from metallopolymers and metallosupramolecular polymers. *Nature Materials*, **2011**, 10, 176-88	27	829
549	Photonic-crystal full-colour displays. *Nature Photonics*, **2007**, 1, 468-472	33.9	708
548	Functional block copolymers: nanostructured materials with emerging applications. *Angewandte Chemie - International Edition*, **2012**, 51, 7898-921	16.4	547
547	Amine- and phosphine-borane adducts: new interest in old molecules. *Chemical Reviews*, **2010**, 110, 4023-78	68.1	541
546	Transition metal-catalyzed formation of boron-nitrogen bonds: catalytic dehydrocoupling of amine-borane adducts to form aminoboranes and borazines. *Journal of the American Chemical Society*, **2003**, 125, 9424-34	16.4	540
545	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	16.4	503
544	Monodisperse cylindrical micelles by crystallization-driven living self-assembly. *Nature Chemistry*, **2010**, 2, 566-70	17.6	468
543	Polymers and the Periodic Table: Recent Developments in Inorganic Polymer Science. *Angewandte Chemie International Edition in English*, **1996**, 35, 1602-1621		438
542	Complex and hierarchical micelle architectures from diblock copolymers using living, crystallization-driven polymerizations. *Nature Materials*, **2009**, 8, 144-50	27	389
541	Micelle assembly. Multidimensional hierarchical self-assembly of amphiphilic cylindrical block comicelles. *Science*, **2015**, 347, 1329-32	33.3	383
540	From colour fingerprinting to the control of photoluminescence in elastic photonic crystals. *Nature Materials*, **2006**, 5, 179-184	27	346
539	Self-Assembly of Organometallic Block Copolymers: 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	16.4	321
538	Non-centrosymmetric cylindrical micelles by unidirectional growth. *Science*, **2012**, 337, 559-62	33.3	315
537	Linear Oligo(ferrocenyldimethylsilanes) with between Two and Nine Ferrocene Units: Electrochemical and Structural Models for Poly(ferrocenylsilane) High Polymers. *Journal of the American Chemical Society*, **1996**, 118, 12683-12695	16.4	312
536	Transition Metal-Based Polymers with Controlled Architectures: 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	16.4	284

535	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. *Nature Chemistry*, **2014**, 6, 893-8	17.6	273
534	Self-Assembly of a Novel Organometallic−Inorganic Block Copolymer in Solution and the Solid State: Nonintrusive Observation of Novel Wormlike Poly(ferrocenyldimethylsilane)-b-Poly(dimethylsiloxane) Micelles. *Journal of the American Chemical Society*, **1998**, 120, 9533-9540	16.4	271
533	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, 9776-85	16.4	262
532	Catalytic dehydrocoupling/dehydrogenation of N-methylamine-borane and ammonia-borane: synthesis and characterization of high molecular weight polyaminoboranes. *Journal of the American Chemical Society*, **2010**, 132, 13332-45	16.4	259
531	Transition-metal-catalyzed dehydrocoupling: a convenient route to bonds between main-group elements. *Chemistry - A European Journal*, **2006**, 12, 8634-48	4.8	246
530	Shaped ceramics with tunable magnetic properties from metal-containing polymers. *Science*, **2000**, 287, 1460-3	33.3	245
529	Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. *Science*, **2016**, 352, 697-701	33.3	233
528	Electroactive inverse opal: a single material for all colors. *Angewandte Chemie - International Edition* , **2009**, 48, 943-7	16.4	231
527	Iridium-catalyzed dehydrocoupling of primary amine-borane adducts: a route to high molecular weight polyaminoboranes, boron-nitrogen analogues of polyolefins. *Angewandte Chemie - International Edition*, **2008**, 47, 6212-5	16.4	228
526	Rhodium-catalyzed formation of boron−nitrogen bonds: a mild route to cyclic aminoboranes and borazines. *Chemical Communications*, **2001**, 962-963	5.8	226
525	50th Anniversary Perspective: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. *Macromolecules*, **2017**, 50, 3439-3463	5.5	221
524	Nanotubes from the self-assembly of asymmetric crystalline-coil poly(ferrocenylsilane-siloxane) block copolymers. *Journal of the American Chemical Society*, **2002**, 124, 10381-95	16.4	218
523	Catalysis in service of main group chemistry offers a versatile approach to p-block molecules and materials. *Nature Chemistry*, **2013**, 5, 817-29	17.6	216
522	Cylindrical micelles of controlled length with a π-conjugated polythiophene core via crystallization-driven self-assembly. *Journal of the American Chemical Society*, **2011**, 133, 8842-5	16.4	216
521	Homogeneous, titanocene-catalyzed dehydrocoupling of amine-borane adducts. *Journal of the American Chemical Society*, **2006**, 128, 9582-3	16.4	215
520	Polyferrocenylsilanes: synthesis, properties, and applications. *Chemical Society Reviews*, **2016**, 45, 5358-5375	58.5	208
519	Poly(ferrocenylsilanes): novel organometallic plastics. *Chemical Communications*, **1999**, 857-865	5.8	206
518	Strained metallocenophanes and related organometallic rings containing pi-hydrocarbon ligands and transition-metal centers. *Angewandte Chemie - International Edition*, **2007**, 46, 5060-81	16.4	201

517	Polyferrocenylsilanes: Metal-Containing Polymers for Materials Science, Self-Assembly and Nanostructure Applications. *Macromolecular Rapid Communications*, **2001**, 22, 711-724	4.8	200
516	Colour-tunable fluorescent multiblock micelles. *Nature Communications*, **2014**, 5, 3372	17.4	199
515	Highly efficient colloidal cobalt- and rhodium-catalyzed hydrolysis of H3N.BH3 in air. *Inorganic Chemistry*, **2007**, 46, 7522-7	5.1	196
514	Homogeneous catalytic dehydrocoupling/dehydrogenation of amine-borane adducts by early transition metal, group 4 metallocene complexes. *Journal of the American Chemical Society*, **2010**, 132, 3831-41	16.4	190
513	Transition Metal-Catalyzed Formation of Phosphorus□Boron Bonds: A New Route to Phosphinoborane Rings, Chains, and Macromolecules. *Journal of the American Chemical Society*, **2000**, 122, 6669-6678	16.4	184
512	Long-range exciton transport in conjugated polymer nanofibers prepared by seeded growth. *Science*, **2018**, 360, 897-900	33.3	175
511	Length control and block-type architectures in worm-like micelles with polyethylene cores. *Journal of the American Chemical Society*, **2012**, 134, 14217-25	16.4	171
510	Influence of the Interplay of Crystallization and Chain Stretching on Micellar Morphologies: Solution Self-Assembly of Coil□rystalline Poly(isoprene-block-ferrocenylsilane). *Macromolecules*, **2002**, 35, 8258-8260	5.5	171
509	Metallopolymers with emerging applications. *Materials Today*, **2008**, 11, 28-36	21.8	168
508	Uniform, high aspect ratio fiber-like micelles and block co-micelles with a crystalline □conjugated polythiophene core by self-seeding. *Journal of the American Chemical Society*, **2014**, 136, 4121-4	16.4	159
507	Photocontrolled living polymerizations. *Nature Materials*, **2006**, 5, 467-70	27	159
506	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	16.4	154
505	Rhodium-Catalyzed Formation of Phosphorus-Boron Bonds: Synthesis of the First High Molecular Weight Poly(phosphinoborane). *Angewandte Chemie - International Edition*, **1999**, 38, 3321-3323	16.4	153
504	Synthesis, Electronic Structure, and Novel Reactivity of Strained, Boron-Bridged [1]Ferrocenophanes. *Journal of the American Chemical Society*, **2000**, 122, 5765-5774	16.4	149
503	Organometallic Ferrocenyl Polymers Displaying Tunable Cooperative Interactions between Transition Metal Centers. *Angewandte Chemie International Edition in English*, **1993**, 32, 1709-1711		146
502	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	16.4	142
501	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via "Living" Crystallization-Driven Self-Assembly. *Journal of the American Chemical Society*, **2017**, 139, 7136-7139	16.4	141
500	Surface passivation of luminescent colloidal quantum dots with poly(dimethylaminoethyl methacrylate) through a ligand exchange process. *Journal of the American Chemical Society*, **2004**, 126, 7784-5	16.4	136

499	Inorganic block copolymer lithography. *Polymer*, **2013**, 54, 1269-1284	3.9	133
498	Cylindrical block co-micelles with spatially selective functionalization by nanoparticles. *Journal of the American Chemical Society*, **2007**, 129, 12924-5	16.4	133
497	Photoactivated, iron-catalyzed dehydrocoupling of amine-borane adducts: formation of boron-nitrogen oligomers and polymers. *Chemistry - A European Journal*, **2011**, 17, 4099-103	4.8	128
496	Stimulus-responsive self-assembly: reversible, redox-controlled micellization of polyferrocenylsilane diblock copolymers. *Journal of the American Chemical Society*, **2011**, 133, 8903-13	16.4	127
495	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	3.8	127
494	A polyferroplatinyne precursor for the rapid fabrication of L1(0) -FePt-type bit patterned media by nanoimprint lithography. *Advanced Materials*, **2012**, 24, 1034-40	24	126
493	Synthetic Covalent and Non-Covalent 2D Materials. *Angewandte Chemie - International Edition*, **2015**, 54, 13876-94	16.4	126
492	Scalable and uniform 1D nanoparticles by synchronous polymerization, crystallization and self-assembly. *Nature Chemistry*, **2017**, 9, 785-792	17.6	125
491	Two-dimensional assemblies from crystallizable homopolymers with charged termini. *Nature Materials*, **2017**, 16, 481-488	27	124
490	Self-seeding in one dimension: an approach to control the length of fiberlike polyisoprene-polyferrocenylsilane block copolymer micelles. *Angewandte Chemie - International Edition*, **2011**, 50, 1622-5	16.4	123
489	Nanofiber micelles from the self-assembly of block copolymers. *Trends in Biotechnology*, **2010**, 28, 84-92	15.1	120
488	Nanostructured magnetic thin films from organometallic block copolymers: pyrolysis of self-assembled polystyrene-block-poly(ferrocenylethylmethylsilane). *ACS Nano*, **2008**, 2, 263-70	16.7	119
487	Evaluation of Phosphorescent Rhenium and Iridium Complexes in Polythionylphosphazene Films for Oxygen Sensor Applications. *Chemistry of Materials*, **2005**, 17, 4765-4773	9.6	118
486	Mechanistic studies of the dehydrocoupling and dehydropolymerization of amine-boranes using a [Rh(Xantphos)]+ catalyst. *Journal of the American Chemical Society*, **2014**, 136, 9078-93	16.4	116
485	Homogeneous catalytic dehydrogenation/dehydrocoupling of amine-borane adducts by the Rh(I) Wilkinson's complex analogue RhCl(PHCy2)3 (Cy = cyclohexyl). *Inorganic Chemistry*, **2009**, 48, 2429-35	5.1	115
484	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, 12921-30	16.4	114
483	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	9.6	114
482	Redox-active organometallic vesicles: aqueous self-assembly of a diblock copolymer with a hydrophilic polyferrocenylsilane polyelectrolyte block. *Angewandte Chemie - International Edition*, **2004**, 43, 1260-4	16.4	114

481	Cylindrical micelles from the aqueous self-assembly of an amphiphilic poly(ethylene oxide)-b-poly(ferrocenylsilane) (PEO-b-PFS) block copolymer with a metallo-supramolecular linker at the block junction. *Chemistry - A European Journal*, **2004**, 10, 4315-23	4.8	114
480	Redox-induced synthesis and encapsulation of metal nanoparticles in shell-cross-linked organometallic nanotubes. *Journal of the American Chemical Society*, **2005**, 127, 8924-5	16.4	113
479	Synthesis, Characterization, and Properties of High Molecular Weight Unsymmetrically Substituted Poly(ferrocenylsilanes). *Macromolecules*, **1994**, 27, 3992-3999	5.5	113
478	Length control of supramolecular polymeric nanofibers based on stacked planar platinum(II) complexes by seeded-growth. *Chemical Communications*, **2015**, 51, 15921-4	5.8	111
477	Self-assembly of "patchy" nanoparticles: a versatile approach to functional hierarchical materials. *Chemical Science*, **2015**, 6, 3663-3673	9.4	109
476	Templated self-assembly of square symmetry arrays from an ABC triblock terpolymer. *Nano Letters*, **2009**, 9, 4364-9	11.5	109
475	Synthesis, Reactivity, and Ring-Opening Polymerization (ROP) of Tin-Bridged [1]Ferrocenophanes. *Chemistry - A European Journal*, **1998**, 4, 2117-2128	4.8	109
474	Living Anionic Polymerization of Phosphorus-Bridged [1]Ferrocenophanes: Synthesis and Characterization of Well-Defined Poly(ferrocenylphosphine) Homopolymers and Block Copolymers. *Macromolecules*, **1999**, 32, 2830-2837	5.5	106
473	Density control of single-walled carbon nanotubes using patterned iron nanoparticle catalysts derived from phase-separated thin films of a polyferrocene block copolymer. *Journal of Materials Chemistry*, **2004**, 14, 1791		105
472	Polyferrocenylsilane microspheres: 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, 12522-34	16.4	105
471	Diblock Copolymers with Amorphous Atactic Polyferrocenylsilane Blocks:Synthesis, Characterization, and Self-Assembly of Polystyrene-block-poly(ferrocenylethylmethylsilane) in the Bulk State. *Macromolecules*, **2005**, 38, 6931-6938	5.5	104
470	Ambient-Temperature Direct Synthesis of Poly(organophosphazenes) via the Living Cationic Polymerization of Organo-Substituted Phosphoranimines. *Macromolecules*, **1997**, 30, 50-56	5.5	101
469	Polyphosphazene Block Copolymers via the Controlled Cationic, Ambient Temperature Polymerization of Phosphoranimines. *Macromolecules*, **1997**, 30, 2213-2215	5.5	101
468	Iron-catalyzed dehydrocoupling/dehydrogenation of amine-boranes. *Journal of the American Chemical Society*, **2014**, 136, 3048-64	16.4	100
467	Polymere und das Periodensystem: neue Entwicklungen bei anorganischen Polymeren. *Angewandte Chemie*, **1996**, 108, 1712-1731	3.6	100
466	Shell-cross-linked cylindrical Polyisoprene-b-polyferrocenylsilane (PI-b-PFS) block copolymer micelles: one-dimensional (1D) organometallic nanocylinders. *Journal of the American Chemical Society*, **2007**, 129, 5630-9	16.4	99
465	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, 4526-34	4.8	99
464	Catching the first oligomerization event in the catalytic formation of polyaminoboranes: H3BNMeHBH2NMeH2 bound to iridium. *Journal of the American Chemical Society*, **2011**, 133, 11076-9	16.4	98

463	Pointed-oval-shaped micelles from crystalline-coil block copolymers by crystallization-driven living self-assembly. *Angewandte Chemie - International Edition*, **2010**, 49, 8220-3	16.4	98
462	Synthesis and lithographic patterning of FePt nanoparticles using a bimetallic metallopolyyne precursor. *Angewandte Chemie - International Edition*, **2008**, 47, 1255-9	16.4	98
461	Pyrolysis of Poly(ferrocenylsilanes): Synthesis and Characterization of Ferromagnetic Transition-Metal-Containing Ceramics and Molecular Depolymerization Products. *Chemistry of Materials*, **1995**, 7, 2045-2053	9.6	98
460	Main-chain heterobimetallic block copolymers: synthesis and self-assembly of polyferrocenylsilane-b-poly(cobaltoceniumethylene). *Angewandte Chemie - International Edition*, **2011**, 50, 5851-5	16.4	97
459	Superparamagnetic Ceramic Nanocomposites: Synthesis and Pyrolysis of Ring-Opened Poly(ferrocenylsilanes) inside Periodic Mesoporous Silica. *Journal of the American Chemical Society*, **2000**, 122, 3878-3891	16.4	97
458	The Nature of the Active Catalyst in Late Transition Metal-Mediated Ring-Opening Polymerization (ROP) Reactions:□Mechanistic Studies of the Platinum-Catalyzed ROP of Silicon-Bridged [1]Ferrocenophanes. *Journal of the American Chemical Society*, **2001**, 123, 1355-1364	16.4	97
457	Fluorescent "barcode" 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, 9095-103	16.4	96
456	Iridium-Catalyzed Dehydrocoupling of Primary Amine□Borane Adducts: A Route to High Molecular Weight Polyaminoboranes, Boron□Nitrogen Analogues of Polyolefins. *Angewandte Chemie*, **2008**, 120, 6308-6311	3.6	96
455	Oxygen Sensors Based on Mesoporous Silica Particles on Layer-by-Layer Self-assembled Films. *Chemistry of Materials*, **2005**, 17, 3160-3171	9.6	96
454	Uniform electroactive fibre-like micelle nanowires for organic electronics. *Nature Communications*, **2017**, 8, 15909	17.4	94
453	Fabrication of Continuous and Segmented Polymer/Metal Oxide Nanowires Using Cylindrical Micelles and Block Comicelles as Templates. *Advanced Materials*, **2009**, 21, 1805-1808	24	94
452	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, 2625-39	16.4	94
451	Synthesis, Characterization, and Properties of the Polyphosphinoboranes [RPH□BH2]n (R = Ph, iBu, p-nBuC6H4, p-dodecylC6H4): Inorganic Polymers with a Phosphorus□Boron Backbone. *Macromolecules*, **2003**, 36, 291-297	5.5	93
450	Transition metal catalyzed ring-opening polymerization of silicon-bridged [1]ferrocenophanes at ambient temperature. *Macromolecular Rapid Communications*, **1995**, 16, 637-641	4.8	91
449	Tuning the [L2Rh□H3B□NR3]+ interaction using phosphine bite angle. Demonstration by the catalytic formation of polyaminoboranes. *Chemical Communications*, **2011**, 47, 3763-5	5.8	90
448	Gelation of helical polypeptide-random coil diblock copolymers by a nanoribbon mechanism. *Angewandte Chemie - International Edition*, **2005**, 44, 7964-8	16.4	88
447	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	5.5	85
446	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, 3754-66	16.7	85

445	Branched micelles by living crystallization-driven block copolymer self-assembly under kinetic control. *Journal of the American Chemical Society*, **2015**, 137, 2375-85	16.4	85
444	Fiber-like Micelles via the Crystallization-Driven Solution Self-Assembly of Poly(3-hexylthiophene)-block-Poly(methyl methacrylate) Copolymers. *Macromolecules*, **2012**, 45, 5806-5815	5.5	85
443	Redox-active metallomacrocycles and cyclic metallopolymers: photocontrolled ring-opening oligomerization and polymerization of silicon-bridged [1]ferrocenophanes using substitutionally-labile Lewis bases as initiators. *Journal of the American Chemical Society*, **2009**, 131, 14958-68	16.4	85
442	A Micellar Sphere-to-Cylinder Transition of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) in a Selective Solvent Driven by Crystallization. *Macromolecules*, **2008**, 41, 4380-4389	5.5	85
441	Synthesis and Self-Assembly of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) Diblock Copolymers. *Macromolecules*, **2007**, 40, 3784-3789	5.5	85
440	Dimensional Control and Morphological Transformations of Supramolecular Polymeric Nanofibers Based on Cofacially-Stacked Planar Amphiphilic Platinum(II) Complexes. *ACS Nano*, **2017**, 11, 9162-9175	16.7	84
439	Mechanism of metal-free hydrogen transfer between amine-boranes and aminoboranes. *Journal of the American Chemical Society*, **2012**, 134, 16805-16	16.4	84
438	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	24	84
437	Ambient temperature, tandem catalytic dehydrocoupling-hydrogenation reactions using Rh colloids and Me2NH.BH3 as a stoichiometric H2 source. *Journal of the American Chemical Society*, **2004**, 126, 2698-9	16.4	84
436	Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D "Self-Seeding". *Angewandte Chemie - International Edition*, **2016**, 55, 11392-6	16.4	84
435	Ring-opening polymerization of 19-electron [2]cobaltocenophanes: a route to high-molecular-weight, water-soluble polycobaltocenium polyelectrolytes. *Journal of the American Chemical Society*, **2009**, 131, 10382-3	16.4	83
434	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	83
433	Metalloblock Copolymers: New Functional Nanomaterials. *Macromolecules*, **2014**, 47, 3529-3543	5.5	82
432	Dimensional control of block copolymer nanofibers with a π-conjugated core: crystallization-driven solution self-assembly of amphiphilic poly(3-hexylthiophene)-b-poly(2-vinylpyridine). *Chemistry - A European Journal*, **2013**, 19, 9186-97	4.8	82
431	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, 12180-3	16.4	82
430	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, 17056-62	16.4	82
429	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	3.4	82
428	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	3.8	82

427	Gradient crystallization-driven self-assembly: cylindrical micelles with "patchy" segmented coronas via the coassembly of linear and brush block copolymers. *Journal of the American Chemical Society*, **2014**, 136, 13835-44	16.4	81
426	Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. *Nature Communications*, **2015**, 6, 8127	17.4	80
425	Color from colorless nanomaterials: Bragg reflectors made of nanoparticles. *Journal of Materials Chemistry*, **2009**, 19, 3500		80
424	Photolytic living anionic ring-opening polymerization (ROP) of silicon-bridged [1]ferrocenophanes via an iron-cyclopentadienyl bond cleavage mechanism. *Journal of the American Chemical Society*, **2004**, 126, 11434-5	16.4	79
423	Transition Metal Catalyzed Ring-Opening Polymerization (ROP) of Silicon-Bridged [1]Ferrocenophanes: 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	16.4	79
422	Shell cross-linked cylinders of polyisoprene-b-ferrocenyldimethylsilane: formation of magnetic ceramic replicas and microfluidic channel alignment and patterning. *Journal of the American Chemical Society*, **2003**, 125, 12686-7	16.4	75
421	Controlling the Morphologies of Organometallic Block Copolymers in the 3-Dimensional Spatial Confinement of Colloidal and Inverse Colloidal Crystals. *Macromolecules*, **2008**, 41, 2250-2259	5.5	74
420	Gespannte Metallocenophane und ähnliche metallorganische Ringe mit Kohlenwasserstoffliganden und Übergangsmetallzentren. *Angewandte Chemie*, **2007**, 119, 5152-5173	3.6	74
419	Synthesis and Ring-Opening Polymerization of Highly Strained, Ring-Tilted [2]Ruthenocenophanes. *Angewandte Chemie International Edition in English*, **1994**, 33, 989-991		74
418	Poisoning of heterogeneous, late transition metal dehydrocoupling catalysts by boranes and other group 13 hydrides. *Journal of the American Chemical Society*, **2005**, 127, 5116-24	16.4	73
417	Structure of Poly(ferrocenyldimethylsilane) in Electrospun Nanofibers. *Macromolecules*, **2001**, 34, 6156-6158	5.5	73
416	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. *Journal of the American Chemical Society*, **2016**, 138, 4484-93	16.4	72
415	Fragmentation of fiberlike structures: sonication studies of cylindrical block copolymer micelles and behavioral comparisons to biological fibrils. *Journal of the American Chemical Society*, **2008**, 130, 14763-71	16.4	72
414	Polymer/Silica Composite Films as Luminescent Oxygen Sensors. *Macromolecules*, **2001**, 34, 1917-1927	5.5	71
413	Synthesis and Self-Assembly of the Organic–Organometallic Diblock Copolymer Poly(isoprene-b-ferrocenylphenylphosphine): Shell Cross-Linking and Coordination Chemistry of Nanospheres with a Polyferrocene Core. *Macromolecules*, **2001**, 34, 3353-3360	5.5	71
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