

# Ian Manners

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The role of cooling rate in crystallization-driven block copolymer self-assembly.. <i>Chemical Science</i> , <b>2022</b> , 13, 396-409	9.4	4
551	Probing the Analogy between Living Crystallization-Driven Self-Assembly and Living Covalent Polymerizations: Length-Independent Growth Behavior for 1D Block Copolymer Nanofibers. <i>Macromolecules</i> , <b>2022</b> , 55, 359-369	5.5	3
550	An investigation of polyphosphinoboranes as flame-retardant materials. <i>Polymer</i> , <b>2022</b> , 247, 124795	3.9	1
549	Driving forces and molecular interactions in the self-assembly of block copolymers to form fiber-like micelles. <i>Applied Physics Reviews</i> , <b>2022</b> , 9, 021301	17.3	0
548	Efficient and Controlled Seeded Growth of Poly(3-hexylthiophene) Block Copolymer Nanofibers through Suppression of Homogeneous Nucleation. <i>Macromolecules</i> , <b>2021</b> , 54, 11269-11280	5.5	3
547	An Amphiphilic Corona-Forming Block Promotes Formation of a Variety of 2D Platelets via Crystallization-Driven Block Copolymer Self-Assembly. <i>Macromolecules</i> , <b>2021</b> , 54, 9761-9772	5.5	4
546	Functional nanoparticles through E conjugated polymer self-assembly. <i>Nature Reviews Materials</i> , <b>2021</b> , 6, 7-26	73.3	69
545	Redox-Active Micelle-Based Reaction Platforms for Preparation of Noble Metal Nanocomposites with Photothermal Conversion Capability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 13648-13657	9.5	5
544	Spherulite-Like Micelles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11045-11051	3.6	1
543	Dendritic Micelles with Controlled Branching and Sensor Applications. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 5805-5814	16.4	9
542	Spherulite-Like Micelles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10950-10956	16.4	5
541	Uniform 1D Micelles and Patchy & Block Comicelles via Scalable, One-Step Crystallization-Driven Block Copolymer Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6266-6280	16.4	14
540	Efficient Energy Funneling in Spatially Tailored Segmented Conjugated Block Copolymer Nanofiber-Quantum Dot or Rod Conjugates. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7032-7041	16.4	14
539	Cargo Encapsulation in Uniform, Length-Tunable Aqueous Nanofibers with a Coaxial Crystalline and Amorphous Core. <i>Macromolecules</i> , <b>2021</b> , 54, 5784-5796	5.5	7
538	Patchy Micelles with a Crystalline Core: Self-Assembly Concepts, Properties, and Applications. <i>Polymers</i> , <b>2021</b> , 13,	4.5	9
537	Redox Chemistry of Nickelocene-Based Monomers and Polymers. <i>Organometallics</i> , <b>2021</b> , 40, 1945-1955	3.8	2
536	In Situ Preparation of Composite Redox-Active Micelles Bearing Pd Nanoparticles for the Reduction of 4-Nitrophenol. <i>Langmuir</i> , <b>2021</b> , 37, 9089-9097	4	2

535	Investigating the influence of block copolymer micelle length on cellular uptake and penetration in a multicellular tumor spheroid model. <i>Nanoscale</i> , <b>2021</b> , 13, 280-291	7.7	25
534	High Molar Mass Poly(alkylphosphinoboranes) via Iron-Catalyzed Dehydropolymerization. <i>Macromolecules</i> , <b>2021</b> , 54, 71-82	5.5	1
533	Towards scalable, low dispersity, and dimensionally tunable 2D platelets using living crystallization-driven self-assembly. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 3650-3660	4.9	1
532	Crystallization-Driven Self-Assembly of a Block Copolymer with Amphiphilic Pendant Groups. <i>Macromolecules</i> , <b>2021</b> , 54, 930-940	5.5	8
531	Emerging applications for living crystallization-driven self-assembly. <i>Chemical Science</i> , <b>2021</b> , 12, 4661-4682	9.4	42
530	Efficient energy transport in an organic semiconductor mediated by transient exciton delocalization. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	20
529	Capillary-Bound Dense Micelle Brush Supports for Continuous Flow Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24842	3.6	0
528	Block copolymer self-assembly: Polydisperse corona-forming blocks leading to uniform morphologies. <i>Chem</i> , <b>2021</b> ,	16.2	7
527	Capillary-Bound Dense Micelle Brush Supports for Continuous Flow Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24637-24643	16.4	3
526	Superstructured mesocrystals through multiple inherent molecular interactions for highly reversible sodium ion batteries. <i>Science Advances</i> , <b>2021</b> , 7, eabh3482	14.3	17
525	Nanoimprint Lithography-Directed Self-Assembly of Bimetallic Iron-M (M=Palladium, Platinum) Complexes for Magnetic Patterning. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11618-11623	3.6	
524	Bottom-up device fabrication the seeded growth of polymer-based nanowires. <i>Chemical Science</i> , <b>2020</b> , 11, 6222-6228	9.4	6
523	Controlling the supramolecular polymerization of dinuclear isocyanide gold(I) arylethynylene complexes through tuning the central $\pi$ -conjugated moiety. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 2700-2707	4.9	7
522	Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. <i>Chemical Communications</i> , <b>2020</b> , 56, 4595-4598	5.8	7
521	Nanoimprint Lithography-Directed Self-Assembly of Bimetallic Iron-M (M=Palladium, Platinum) Complexes for Magnetic Patterning. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11521-11526	16.4	17
520	Solid-State Donor-Acceptor Coaxial Heterojunction Nanowires via Living Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13469-13480	16.4	22
519	Cellular uptake and targeting of low dispersity, dual emissive, segmented block copolymer nanofibers. <i>Chemical Science</i> , <b>2020</b> , 11, 8394-8408	9.4	22
518	Alkaline-Earth Derivatives of DiphenylphosphineBorane. <i>Organometallics</i> , <b>2020</b> , 39, 4195-4207	3.8	7

517	How a Small Change of Oligo(p-phenylenevinylene) Chain Length Affects Self-Seeding of Oligo(p-phenylenevinylene)-Containing Block Copolymers. <i>Macromolecules</i> , <b>2020</b> , 53, 1831-1841	5.5	15
516	Living Crystallization-Driven Self-Assembly of Polymeric Amphiphiles: Low-Dispersity Fiber-like Micelles from Crystallizable Phosphonium-Capped Polycarbonate Homopolymers. <i>Macromolecules</i> , <b>2020</b> , 53, 10591-10600	5.5	6
515	Synthesis and Post-Polymerization Functionalization of Halogen-Substituted Polyphosphinoboranes to Access Alkyne-Functionalized Derivatives. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e1900468	4.8	2
514	Heavier Alkaline-Earth Catalyzed Dehydrocoupling of Silanes and Alcohols for the Synthesis of Metallo-Polysilylethers. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2954-2966	4.8	15
513	Phosphinoborane interception at magnesium by borane-assisted phosphine-borane dehydrogenation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14584-14591	4.3	2
512	Surface Patterning of Uniform 2D Platelet Block Comicelles via Coronal Chain Collapse. <i>ACS Macro Letters</i> , <b>2020</b> , 9, 1514-1520	6.6	2
511	Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. <i>Macromolecules</i> , <b>2020</b> , 53, 6576-6588	5.5	8
510	Synthesis and reactivity of alkaline-earth stannanide complexes by hydride-mediated distannane metathesis and organostannane dehydrogenation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 10523-10534	4.3	3
509	Tailored self-assembled photocatalytic nanofibres for visible-light-driven hydrogen production. <i>Nature Chemistry</i> , <b>2020</b> , 12, 1150-1156	17.6	42
508	Understanding the Dissolution and Regrowth of Core-Crystalline Block Copolymer Micelles: A Scaling Approach. <i>Macromolecules</i> , <b>2020</b> , 53, 10198-10211	5.5	6
507	Seeded Self-Assembly of Charge-Terminated Poly(3-hexylthiophene) Amphiphiles Based on the Energy Landscape. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 15038-15048	16.4	26
506	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a $\pi$ -Conjugated Oligo(p-phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , <b>2020</b> , 53, 8009-8019	5.5	9
505	Mechanistic study of the formation of fiber-like micelles with a $\pi$ -conjugated oligo(p-phenylenevinylene) core. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 50-58	9.3	8
504	Solvent effects leading to a variety of different 2D structures in the self-assembly of a crystalline-coil block copolymer with an amphiphilic corona-forming block. <i>Chemical Science</i> , <b>2020</b> , 11, 4631-4643	9.4	16
503	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8309-8316	3.6	10
502	Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8232-8239	16.4	31
501	Role of torsional strain in the ring-opening polymerisation of low strain $\square$ -nickelocenophanes. <i>Chemical Science</i> , <b>2019</b> , 10, 9841-9852	9.4	3
500	Linear and Branched Fiber-like Micelles from the Crystallization-Driven Self-Assembly of Heterobimetallic Block Copolymer Polyelectrolyte/Surfactant Complexes. <i>Macromolecules</i> , <b>2019</b> , 52, 7289-7300	5.5	8

499	Catalytic Synthesis, Characterization, and Properties of Polyaminoborane Homopolymers and Random Copolymers. <i>Macromolecules</i> , <b>2019</b> , 52, 7052-7064	5.5	13
498	Ferrocene-Containing Polycarbosilazanes via the Alkaline-Earth-Catalyzed Dehydrocoupling of Silanes and Amines. <i>Organometallics</i> , <b>2019</b> , 38, 3629-3648	3.8	14
497	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. <i>Chemical Science</i> , <b>2019</b> , 10, 2280-2284	9.4	30
496	Crystallization-Driven Self-Assembly of Metallo-Polyelectrolyte Block Copolymers with a Polycaprolactone Core-Forming Segment. <i>ACS Macro Letters</i> , <b>2019</b> , 8, 835-840	6.6	29
495	Homo- and heterodehydrocoupling of phosphines mediated by alkali metal catalysts. <i>Nature Communications</i> , <b>2019</b> , 10, 2786	17.4	16
494	Photolytic, radical-mediated hydrophosphination: a convenient post-polymerisation modification route to P-di(organo-substituted) polyphosphinoboranes [RR'PBH]. <i>Chemical Science</i> , <b>2019</b> , 10, 7281-7289	9.4	9
493	Low length dispersity fiber-like micelles from an ABA triblock copolymer with terminal crystallizable poly(ferrocenyldimethylsilane) segments via living crystallization-driven self-assembly. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 3973-3982	4.9	3
492	Nanostructured Bimetallic Block Copolymers as Precursors to Magnetic FePt Nanoparticles. <i>Macromolecules</i> , <b>2019</b> , 52, 3176-3186	5.5	10
491	Metal-free dehydropolymerisation of phosphine-boranes using cyclic (alkyl)(amino)carbenes as hydrogen acceptors. <i>Nature Communications</i> , <b>2019</b> , 10, 1370	17.4	13
490	Solution self-assembly of ABC triblock terpolymers with a central crystallizable poly(ferrocenyldimethylsilane) core-forming segment. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 2559-2569	4.9	7
489	Manipulation and Deposition of Complex, Functional Block Copolymer Nanostructures Using Optical Tweezers. <i>ACS Nano</i> , <b>2019</b> , 13, 3858-3866	16.7	17
488	Ring-Opening Polymerization of Cyclic Phosphonates: Access to Inorganic Polymers with a P-O Main Chain. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 2894-2899	16.4	6
487	Emergent Self-Assembly Pathways to Multidimensional Hierarchical Assemblies using a Hetero-Seeding Approach. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13484-13490	4.8	11
486	Uniform, High-Aspect-Ratio, and Patchy 2D Platelets by Living Crystallization-Driven Self-Assembly of Crystallizable Poly(ferrocenyldimethylsilane)-Based Homopolymers with Hydrophilic Charged Termini. <i>Macromolecules</i> , <b>2019</b> , 52, 6068-6079	5.5	18
485	Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. <i>Macromolecules</i> , <b>2019</b> , 52, 5231-5244	5.5	23
484	Uniform Biodegradable Fiber-Like Micelles and Block Comicelles via "Living" Crystallization-Driven Self-Assembly of Poly(L-lactide) Block Copolymers: The Importance of Reducing Unimer Self-Nucleation via Hydrogen Bond Disruption. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19088-19098	16.4	58
483	Tailored multifunctional micellar brushes via crystallization-driven growth from a surface. <i>Science</i> , <b>2019</b> , 366, 1095-1098	33.3	52
482	Trivalent Titanocene Alkyls and Hydrides as Well-Defined, Highly Active, and Broad Scope Precatalysts for Dehydropolymerization of Amine-Boranes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 20009-20015	16.4	17

481	Calcium stannyl formation by organostannane dehydrogenation. <i>Chemical Communications</i> , <b>2019</b> , 55, 12964-12967	5.8	8
480	Uniform Toroidal Micelles via the Solution Self-Assembly of Block Copolymer/Homopolymer Blends Using a Frustrated Crystallization Approach. <i>Macromolecules</i> , <b>2019</b> , 52, 113-120	5.5	16
479	Effect of Concentration on the Dissolution of One-Dimensional Polymer Crystals: A TEM and NMR Study. <i>Macromolecules</i> , <b>2019</b> , 52, 208-216	5.5	13
478	Ring-Opening Polymerisation of Low-Strain Nickelocenophanes: Synthesis and Magnetic Properties of Polynickelocenes with Carbon and Silicon Main Chain Spacers. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1044-1054	4.8	6
477	Step-growth titanium-catalysed dehydropolymerisation of amine-boranes. <i>Chemical Science</i> , <b>2018</b> , 9, 3360-3366	9.4	25
476	Self-Seeding of Block Copolymers with a Conjugated Oligo(p-phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. <i>Macromolecules</i> , <b>2018</b> , 51, 2065-2075	5.5	52
475	A General, Rhodium-Catalyzed, Synthesis of Deuterated Boranes and N-Methyl Polyaminoboranes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5450-5455	4.8	20
474	Synthesis, thin-film self-assembly, and pyrolysis of ruthenium-containing polyferrocenylsilane block copolymers. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 2951-2963	4.9	2
473	NMR Study of the Dissolution of Core-Crystalline Micelles. <i>Macromolecules</i> , <b>2018</b> , 51, 3279-3289	5.5	10
472	Structure of the Crystalline Core of Fiber-like Polythiophene Block Copolymer Micelles. <i>Macromolecules</i> , <b>2018</b> , 51, 3097-3106	5.5	17
471	1D Self-Assembly and Ice Recrystallization Inhibition Activity of Antifreeze Glycopeptide-Functionalized Perylene Bisimides. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 7834-7839	4.8	11
470	Competitive Self-Assembly Kinetics as a Route To Control the Morphology of Core-Crystalline Cylindrical Micelles. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2619-2628	16.4	44
469	Uniform Polyselenophene Block Copolymer Fiberlike Micelles and Block Co-micelles via Living Crystallization-Driven Self-Assembly. <i>Macromolecules</i> , <b>2018</b> , 51, 1002-1010	5.5	36
468	Cylindrical Micelles with Patchy Coronas from the Crystallization-Driven Self-Assembly of ABC Triblock Terpolymers with a Crystallizable Central Polyferrocenyldimethylsilane Segment. <i>Macromolecules</i> , <b>2018</b> , 51, 222-231	5.5	24
467	Monitoring Collapse of Uniform Cylindrical Brushes with a Thermoresponsive Corona in Water. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 166-171	6.6	10
466	Iron Precatalysts with Bulky Tri(tert-butyl)cyclopentadienyl Ligands for the Dehydrocoupling of Dimethylamine-Borane. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14127-14136	4.8	4
465	Explosive dissolution and trapping of block copolymer seed crystallites. <i>Nature Communications</i> , <b>2018</b> , 9, 1158	17.4	28
464	Living Supramolecular Polymerisation of Perylene Diimide Amphiphiles by Seeded Growth under Kinetic Control. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15556-15565	4.8	27

463	Toward Uniform Nanofibers with a [Conjugated Core: Optimizing the [Living] Crystallization-Driven Self-Assembly of Diblock Copolymers with a Poly(3-octylthiophene) Core-Forming Block. <i>Macromolecules</i> , <b>2018</b> , 51, 5101-5113	5.5	24
462	Visualizing Nanoscale Coronal Segregation in Rod-Like Micelles Formed by Co-Assembly of Binary Block Copolymer Blends. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800397	4.8	6
461	Hierarchical Self-Assembly of Toroidal Micelles into Multidimensional Nanoporous Superstructures. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 1040-1045	6.6	14
460	Self-Assembly and Surface Patterning of Polyferrocenylsilane-Functionalized Gold Nanoparticles. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, 1700554	4.8	14
459	From Dendrimers to Macrocycles: 80 Years George R. Newkome[Milestones of a Gentleman Scientist. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1800269	2.6	4
458	Scalable Fiber-like Micelles and Block Co-micelles by Polymerization-Induced Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 18104-18114	16.4	52
457	Extending the Scope of "Living" Crystallization-Driven Self-Assembly: Well-Defined 1D Micelles and Block Comicelles from Crystallizable Polycarbonate Block Copolymers. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17127-17140	16.4	54
456	Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17205-17210	16.4	11
455	Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17451-17456	3.6	2
454	Probing the Growth Kinetics for the Formation of Uniform 1D Block Copolymer Nanoparticles by Living Crystallization-Driven Self-Assembly. <i>ACS Nano</i> , <b>2018</b> , 12, 8920-8933	16.7	44
453	A molecular approach to magnetic metallic nanostructures from metallopolymer precursors. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 4934-4953	58.5	62
452	Long-range exciton transport in conjugated polymer nanofibers prepared by seeded growth. <i>Science</i> , <b>2018</b> , 360, 897-900	33.3	175
451	Chiral Transmission to Cationic Polycobaltocenes over Multiple Length Scales Using Anionic Surfactants. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7222-7231	16.4	10
450	Two-dimensional assemblies from crystallizable homopolymers with charged termini. <i>Nature Materials</i> , <b>2017</b> , 16, 481-488	27	124
449	Uniform "Patchy" Platelets by Seeded Heteroepitaxial Growth of Crystallizable Polymer Blends in Two Dimensions. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4409-4417	16.4	55
448	Enabling Heterogeneous Gold Catalysis with Patchy Micelles. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2842-2844	16.4	5
447	Heterogene Goldkatalyse mit Patch-artig strukturierten Micellen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 2886-2888	3.8	2
446	Scalable and uniform 1D nanoparticles by synchronous polymerization, crystallization and self-assembly. <i>Nature Chemistry</i> , <b>2017</b> , 9, 785-792	17.6	125

445	50th Anniversary Perspective: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. <i>Macromolecules</i> , <b>2017</b> , 50, 3439-3463	5.5	221
444	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via "Living" Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 7136-7139	16.4	141
443	Complex and Hierarchical 2D Assemblies via Crystallization-Driven Self-Assembly of Poly(l-lactide) Homopolymers with Charged Termini. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9221-9228	16.4	60
442	Addition of a Cyclophosphine to Nitriles: An Inorganic Click Reaction Featuring Protio, Organo, and Main-Group Catalysis. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9664-9668	3.6	9
441	Addition of a Cyclophosphine to Nitriles: An Inorganic Click Reaction Featuring Protio, Organo, and Main-Group Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9536-9540	16.4	31
440	Influence of Ring Strain and Bond Polarization on the Ring Expansion of Phosphorus Homocycles. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4522-4538	5.1	11
439	Main-chain metallopolymers at the static-dynamic boundary based on nickelocene. <i>Nature Chemistry</i> , <b>2017</b> , 9, 743-750	17.6	45
438	Patterning of L1 FePt nanoparticles with ultra-high coercivity for bit-patterned media. <i>Nanoscale</i> , <b>2017</b> , 9, 731-738	7.7	39
437	Boron-nitrogen main chain analogues of polystyrene: poly(B-aryl)aminoboranes via catalytic dehydrocoupling. <i>Chemical Communications</i> , <b>2017</b> , 53, 11701-11704	5.8	21
436	Non-Metal-Catalyzed Heterodehydrocoupling of Phosphines and Hydrosilanes: Mechanistic Studies of B(CF <sub>3</sub> )-Mediated Formation of P-Si Bonds. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 16780-16790	16.4	26
435	Dimensional Control and Morphological Transformations of Supramolecular Polymeric Nanofibers Based on Cofacially-Stacked Planar Amphiphilic Platinum(II) Complexes. <i>ACS Nano</i> , <b>2017</b> , 11, 9162-9175	16.7	84
434	Higher-order assembly of crystalline cylindrical micelles into membrane-extendable colloidosomes. <i>Nature Communications</i> , <b>2017</b> , 8, 426	17.4	47
433	Synthesis, Characterization, and Properties of Poly(aryl)phosphinoboranes Formed via Iron-Catalyzed Dehydropolymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1700120	2.6	18
432	Uniform electroactive fibre-like micelle nanowires for organic electronics. <i>Nature Communications</i> , <b>2017</b> , 8, 15909	17.4	94
431	Catalytic Dehydrocoupling of Amine-Boranes using Cationic Zirconium(IV)-Phosphine Frustrated Lewis Pairs. <i>ACS Catalysis</i> , <b>2016</b> , 6, 6601-6611	13.1	28
430	Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D Self-Seeding. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11564-11568	3.6	9
429	Microfibrils and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. <i>Nature Communications</i> , <b>2016</b> , 7, 12371	17.4	35
428	Polyferrocenylsilanes: synthesis, properties, and applications. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 5358-5375	18.5	208

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