

# Craig Hawker

## List of Publications by Citations

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583  
papers

67,011  
citations

133  
h-index

238  
g-index

635  
ext. papers

71,034  
ext. citations

9.3  
avg, IF

7.95  
L-index

#	Paper	IF	Citations
583	New polymer synthesis by nitroxide mediated living radical polymerizations. <i>Chemical Reviews</i> , <b>2001</b> , 101, 3661-88	68.1	3478
582	Preparation of polymers with controlled molecular architecture. A new convergent approach to dendritic macromolecules. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 7638-7647	16.4	2039
581	Applications of orthogonal "click" chemistries in the synthesis of functional soft materials. <i>Chemical Reviews</i> , <b>2009</b> , 109, 5620-86	68.1	1278
580	The convergence of synthetic organic and polymer chemistries. <i>Science</i> , <b>2005</b> , 309, 1200-5	33.3	1169
579	Controlling Polymer-Surface Interactions with Random Copolymer Brushes. <i>Science</i> , <b>1997</b> , 275, 1458-1460	33.3	1117
578	Efficiency and fidelity in a click-chemistry route to triazole dendrimers by the copper(i)-catalyzed ligation of azides and alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 3928-32	16.4	1017
577	One-step synthesis of hyperbranched dendritic polyesters. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 4583-4588	16.4	973
576	Development of a Universal Alkoxyamine for "Living" Free Radical Polymerizations. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 3904-3920	16.4	962
575	Controlled Synthesis of Polymer Brushes by "Living" Free Radical Polymerization Techniques. <i>Macromolecules</i> , <b>1999</b> , 32, 1424-1431	5.5	825
574	Cross-linked block copolymer micelles: functional nanostructures of great potential and versatility. <i>Chemical Society Reviews</i> , <b>2006</b> , 35, 1068-83	58.5	795
573	General strategies for nanoparticle dispersion. <i>Science</i> , <b>2006</b> , 311, 1740-3	33.3	791
572	The power of thiol-ene chemistry. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 743-750	2.5	705
571	Robust, efficient, and orthogonal synthesis of dendrimers via thiol-ene "click" chemistry. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5062-4	16.4	692
570	Metal-free atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16096-101	16.4	637
569	Control of a living radical polymerization of methacrylates by light. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8850-3	16.4	622
568	Block copolymer nanolithography: translation of molecular level control to nanoscale patterns. <i>Advanced Materials</i> , <b>2009</b> , 21, 4769-92	24	585
567	Block Copolymer Lithography: Merging Bottom-Up with Top-Down Processes. <i>MRS Bulletin</i> , <b>2005</b> , 30, 952-966	3.2	569

566	Nanoscopic Templates from Oriented Block Copolymer Films. <i>Advanced Materials</i> , <b>2000</b> , 12, 787-791	24	565
565	"Clicking" polymers or just efficient linking: what is the difference?. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 60-2	16.4	550
564	Interdiffusion of PCBM and P3HT Reveals Miscibility in a Photovoltaically Active Blend. <i>Advanced Energy Materials</i> , <b>2011</b> , 1, 82-89	21.8	546
563	Dendronized linear polymers via "click chemistry". <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15020-1	16.4	545
562	Evolution of block copolymer lithography to highly ordered square arrays. <i>Science</i> , <b>2008</b> , 322, 429-32	33.3	532
561	Molecular Weight Control by a "Living" Free-Radical Polymerization Process. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 11185-11186	16.4	530
560	Nanoscale effects leading to non-Einstein-like decrease in viscosity. <i>Nature Materials</i> , <b>2003</b> , 2, 762-6	27	516
559	Unique behavior of dendritic macromolecules: intrinsic viscosity of polyether dendrimers. <i>Macromolecules</i> , <b>1992</b> , 25, 2401-2406	5.5	482
558	Preparation of Hyperbranched and Star Polymers by a "Living", Self-Condensing Free Radical Polymerization. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 10763-10764	16.4	480
557	A generalized approach to the modification of solid surfaces. <i>Science</i> , <b>2005</b> , 308, 236-9	33.3	467
556	Synthesis of well-defined hydrogel networks using click chemistry. <i>Chemical Communications</i> , <b>2006</b> , 2774-8	5.8	433
555	Unimolecular micelles and globular amphiphiles: dendritic macromolecules as novel recyclable solubilization agents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1993</b> , 1287-1297		424
554	Development of Thermal and Photochemical Strategies for Thiolene Click Polymer Functionalization. <i>Macromolecules</i> , <b>2008</b> , 41, 7063-7070	5.5	403
553	A new convergent approach to monodisperse dendritic macromolecules. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1990</b> , 1010-1013		398
552	Multivalent, bifunctional dendrimers prepared by click chemistry. <i>Chemical Communications</i> , <b>2005</b> , 5775-8	7.8	389
551	A facile approach to architecturally defined nanoparticles via intramolecular chain collapse. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 8653-60	16.4	367
550	Using Atom Transfer Radical Polymerization To Amplify Monolayers of Initiators Patterned by Microcontact Printing into Polymer Brushes for Pattern Transfer. <i>Macromolecules</i> , <b>2000</b> , 33, 597-605	5.5	354
549	External regulation of controlled polymerizations. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 199-210	16.4	347

548	New methodologies in the construction of dendritic materials. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 352-638.5	38.5	341
547	Structurally Diverse Dendritic Libraries: A Highly Efficient Functionalization Approach Using Click Chemistry. <i>Macromolecules</i> , <b>2005</b> , 38, 3663-3678	5.5	338
546	Living-Free Radical Polymerization: A Unique Technique for the Preparation of Controlled Macromolecular Architectures. <i>Accounts of Chemical Research</i> , <b>1997</b> , 30, 373-382	24.3	336
545	Hyperbranched macromolecules via a novel double-stage convergent growth approach. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 4252-4261	16.4	322
544	Orthogonal approaches to the simultaneous and cascade functionalization of macromolecules using click chemistry. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 14942-9	16.4	311
543	Initiating Systems for Nitroxide-Mediated Living-Free Radical Polymerizations: Synthesis and Evaluation. <i>Macromolecules</i> , <b>1996</b> , 29, 5245-5254	5.5	310
542	Polymer Mobility in Thin Films. <i>Macromolecules</i> , <b>1996</b> , 29, 6531-6534	5.5	300
541	A modular approach toward functionalized three-dimensional macromolecules: from synthetic concepts to practical applications. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 715-28	16.4	295
540	Shell click-crosslinked (SCC) nanoparticles: a new methodology for synthesis and orthogonal functionalization. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 16892-9	16.4	293
539	Facile RAFT precipitation polymerization for the microwave-assisted synthesis of well-defined, double hydrophilic block copolymers and nanostructured hydrogels. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 14493-9	16.4	292
538	Photoswitching using visible light: a new class of organic photochromic molecules. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8169-72	16.4	288
537	Dendrimer-like Star Block and Amphiphilic Copolymers by Combination of Ring Opening and Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>1998</b> , 31, 8691-8705	5.5	286
536	Solubility-limited extrinsic n-type doping of a high electron mobility polymer for thermoelectric applications. <i>Advanced Materials</i> , <b>2014</b> , 26, 2825-30	24	281
535	Tunable, high modulus hydrogels driven by ionic coacervation. <i>Advanced Materials</i> , <b>2011</b> , 23, 2327-31	24	281
534	Using Surface Active Random Copolymers To Control the Domain Orientation in Diblock Copolymer Thin Films. <i>Macromolecules</i> , <b>1998</b> , 31, 7641-7650	5.5	280
533	Effect of Areal Chain Density on the Location of Polymer-Modified Gold Nanoparticles in a Block Copolymer Template. <i>Macromolecules</i> , <b>2006</b> , 39, 4108-4114	5.5	275
532	Engineering live cell surfaces with functional polymers via cytocompatible controlled radical polymerization. <i>Nature Chemistry</i> , <b>2017</b> , 9, 537-545	17.6	273
531	Nanodomain control in copolymer thin films. <i>Nature</i> , <b>1998</b> , 395, 757-758	50.4	272

530	Self-encapsulation of poly-2,7-fluorenes in a dendrimer matrix. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 6965-72	16.4	272
529	Defect-free nanoporous thin films from ABC triblock copolymers. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7622-9	16.4	269
528	Physical properties of dendritic macromolecules: a study of glass transition temperature. <i>Macromolecules</i> , <b>1993</b> , 26, 1514-1519	5.5	262
527	One-pot reaction cascades using star polymers with core-confined catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6384-7	16.4	251
526	Effect of Interfacial Interactions on the Glass Transition of Polymer Thin Films. <i>Macromolecules</i> , <b>2001</b> , 34, 5535-5539	5.5	250
525	Ordered Diblock Copolymer Films on Random Copolymer Brushes. <i>Macromolecules</i> , <b>1997</b> , 30, 6810-6813	5.5	237
524	Functionalization of Micelles and Shell Cross-linked Nanoparticles Using Click Chemistry. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5976-5988	9.6	234
523	Precise Control over Molecular Dimensions of Block-Copolymer Domains Using the Interfacial Energy of Chemically Nanopatterned Substrates. <i>Advanced Materials</i> , <b>2004</b> , 16, 1315-1319	24	234
522	Model Transient Networks from Strongly Hydrogen-Bonded Polymers. <i>Macromolecules</i> , <b>2009</b> , 42, 9072-9081	9.5	233
521	Facile syntheses of surface-functionalized micelles and shell cross-linked nanoparticles. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 5203-5217	2.5	232
520	Architectural Control in Living/Free Radical Polymerizations: Preparation of Star and Graft Polymers. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 1456-1459		232
519	Dendrimers and Hyperbranched Polymers: Two Families of Three-Dimensional Macromolecules with Similar but Clearly Distinct Properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>1996</b> , 33, 1399-1425	2.2	228
518	Dendrimers Clicked Together Divergently. <i>Macromolecules</i> , <b>2005</b> , 38, 5436-5443	5.5	227
517	Interfacial Segregation in Disordered Block Copolymers: Effect of Tunable Surface Potentials. <i>Physical Review Letters</i> , <b>1997</b> , 79, 237-240	7.4	223
516	Reversible-deactivation radical polymerization (Controlled/living radical polymerization): From discovery to materials design and applications. <i>Progress in Polymer Science</i> , <b>2020</b> , 111, 101311	29.6	223
515	A Simple Route to Metal Nanodots and Nanoporous Metal Films. <i>Nano Letters</i> , <b>2002</b> , 2, 933-936	11.5	221
514	Controlled Radical Polymerization of Acrylates Regulated by Visible Light.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 580-584	6.6	218
513	Solvatochromism as a probe of the microenvironment in dendritic polyethers: transition from an extended to a globular structure. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 4375-4376	16.4	210

512	Surface-Initiated Polymerization for Amplification of Self-Assembled Monolayers Patterned by Microcontact Printing. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 647-649	16.4	209
511	Fabrication of complex three-dimensional polymer brush nanostructures through light-mediated living radical polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6844-8	16.4	203
510	One-pot synthesis of hyperbranched polyethers. <i>Macromolecules</i> , <b>1992</b> , 25, 4583-4587	5.5	202
509	Molecular Ball Bearings: The Unusual Melt Viscosity Behavior of Dendritic Macromolecules. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 4409-4410	16.4	200
508	A versatile approach to high-throughput microarrays using thiol-ene chemistry. <i>Nature Chemistry</i> , <b>2010</b> , 2, 138-45	17.6	197
507	Synthesis and Catalytic Activity of Unimolecular Dendritic Reverse Micelles with Internal Functional Groups. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 9471-9472	16.4	194
506	Hyperbranched Poly(ether ketones): Manipulation of Structure and Physical Properties. <i>Macromolecules</i> , <b>1996</b> , 29, 4370-4380	5.5	193
505	Exact Linear Analogs of Dendritic Polyether Macromolecules: Design, Synthesis, and Unique Properties. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 9903-9904	16.4	191
504	Low-Dielectric, Nanoporous Organosilicate Films Prepared via Inorganic/Organic Polymer Hybrid Templates. <i>Chemistry of Materials</i> , <b>1999</b> , 11, 3080-3085	9.6	191
503	Influence of shape on the reactivity and properties of dendritic, hyperbranched and linear aromatic polyesters. <i>Polymer</i> , <b>1994</b> , 35, 4489-4495	3.9	191
502	Simultaneous Dual Living Polymerizations: A Novel One-Step Approach to Block and Graft Copolymers. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 1274-1276	16.4	190
501	A General Approach to Sequence-Controlled Polymers Using Macrocyclic Ring Opening Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 8038-41	16.4	189
500	Accurate Structural Control and Block Formation in the Living Polymerization of 1,3-Dienes by Nitroxide-Mediated Procedures. <i>Macromolecules</i> , <b>2000</b> , 33, 363-370	5.5	189
499	Effect of Ideal, Organic Nanoparticles on the Flow Properties of Linear Polymers: Non-Einstein-like Behavior. <i>Macromolecules</i> , <b>2005</b> , 38, 8000-8011	5.5	188
498	Manipulation of Surface Properties by Patterning of Covalently Bound Polymer Brushes. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 1844-1845	16.4	188
497	Microdomain Orientation of PS-b-PMMA by Controlled Interfacial Interactions. <i>Macromolecules</i> , <b>2008</b> , 41, 6431-6437	5.5	187
496	Dual Living Free Radical and Ring Opening Polymerizations from a Double-Headed Initiator. <i>Macromolecules</i> , <b>1998</b> , 31, 213-219	5.5	187
495	Highly Versatile and Robust Materials for Soft Imprint Lithography Based on Thiol-ene Click Chemistry. <i>Advanced Materials</i> , <b>2008</b> , 20, 3728-3733	24	186

494	A highly reducing metal-free photoredox catalyst: design and application in radical dehalogenations. <i>Chemical Communications</i> , <b>2015</b> , 51, 11705-8	5.8	184
493	Polymer-fullerene miscibility: a metric for screening new materials for high-performance organic solar cells. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 15869-79	16.4	183
492	One-Step Formation of Functionalized Block Copolymers. <i>Macromolecules</i> , <b>2000</b> , 33, 1505-1507	5.5	182
491	Striped, ellipsoidal particles by controlled assembly of diblock copolymers. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6649-57	16.4	180
490	Polymers with Multiple Hydrogen-Bonded End Groups and Their Blends. <i>Macromolecules</i> , <b>2008</b> , 41, 4694-4700	5.5	180
489	Production of crosslinked, hollow nanoparticles by surface-initiated living free-radical polymerization. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 1309-1320	2.5	179
488	Creating surfactant nanoparticles for block copolymer composites through surface chemistry. <i>Langmuir</i> , <b>2007</b> , 23, 12693-703	4	174
487	Efficiency and Fidelity in a Click-Chemistry Route to Triazole Dendrimers by the Copper(I)-Catalyzed Ligation of Azides and Alkynes. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 4018-4022	3.6	174
486	A Novel Approach to Functionalized Nanoparticles: Self-Crosslinking of Macromolecules in Ultradilute Solution. <i>Advanced Materials</i> , <b>2001</b> , 13, 204-208	24	173
485	Well-Defined Random Copolymers by a "Living" Free-Radical Polymerization Process. <i>Macromolecules</i> , <b>1996</b> , 29, 2686-2688	5.5	171
484	A Route to Nanoscopic SiO <sub>2</sub> Posts via Block Copolymer Templates. <i>Advanced Materials</i> , <b>2001</b> , 13, 795-797	4	170
483	Radical Crossover in Nitroxide Mediated "Living" Free Radical Polymerizations. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 11467-11471	16.4	170
482	Power factor enhancement in solution-processed organic n-type thermoelectrics through molecular design. <i>Advanced Materials</i> , <b>2014</b> , 26, 3473-7	24	169
481	A Tandem Approach to Graft and Dendritic Graft Copolymers Based on "Living" Free Radical Polymerizations. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 270-272		168
480	Accurate Control of Chain Ends by a Novel "Living" Free-Radical Polymerization Process. <i>Macromolecules</i> , <b>1995</b> , 28, 2993-2995	5.5	166
479	Simple Benchtop Approach to Polymer Brush Nanostructures Using Visible-Light-Mediated Metal-Free Atom Transfer Radical Polymerization. <i>ACS Macro Letters</i> , <b>2016</b> , 5, 258-262	6.6	165
478	A versatile method for tuning the chemistry and size of nanoscopic features by living free radical polymerization. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 3831-8	16.4	165
477	High-throughput synthesis of nanoscale materials: structural optimization of functionalized one-step star polymers. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 6461-2	16.4	165

476	A facile synthesis of dynamic, shape-changing polymer particles. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7018-22	16.4	162
475	Hyperbranched Poly(ethylene glycol)s: A New Class of Ion-Conducting Materials. <i>Macromolecules</i> , <b>1996</b> , 29, 3831-3838	5.5	158
474	Nanoparticle surfactants as a route to bicontinuous block copolymer morphologies. <i>Langmuir</i> , <b>2007</b> , 23, 7804-9	4	154
473	Synthesis and properties of novel linear-dendritic block copolymers. Reactivity of dendritic macromolecules toward linear polymers. <i>Macromolecules</i> , <b>1993</b> , 26, 5621-5627	5.5	154
472	Adhesion and Surface Interactions of a Self-Healing Polymer with Multiple Hydrogen-Bonding Groups. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2322-2333	15.6	153
471	FACILE PREPARATION OF NANOPARTICLES BY INTRAMOLECULAR CROSSLINKING OF ISOCYANATE FUNCTIONALIZED COPOLYMERS. <i>Macromolecules</i> , <b>2009</b> , 42, 5629-5635	5.5	152
470	Bringing Efficiency to Materials Synthesis: The Philosophy of Click Chemistry. <i>Australian Journal of Chemistry</i> , <b>2007</b> , 60, 381	1.2	152
469	Control of surface functionality in the synthesis of dendritic macromolecules using the convergent-growth approach. <i>Macromolecules</i> , <b>1990</b> , 23, 4726-4729	5.5	152
468	Tunable Visible and Near Infrared Photoswitches. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13960-13966	16.4	151
467	A versatile new monomer family: functionalized 4-vinyl-1,2,3-triazoles via click chemistry. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12084-5	16.4	149
466	Unusual macromolecular architectures: the convergent growth approach to dendritic polyesters and novel block copolymers. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 8405-8413	16.4	149
465	Dendritic Initiators for Living/Radical Polymerizations: A Versatile Approach to the Synthesis of Dendritic-Linear Block Copolymers. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 11111-11118	16.4	148
464	Pushing the Limits for Thiol/ene and CuAAC Reactions: Synthesis of a 6th Generation Dendrimer in a Single Day. <i>Macromolecules</i> , <b>2010</b> , 43, 6625-6631	5.5	147
463	Fullerene-bound dendrimers: soluble, isolated carbon clusters. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 9836-9837	16.4	147
462	Polymeric Nanoparticles via Noncovalent Cross-Linking of Linear Chains. <i>Macromolecules</i> , <b>2008</b> , 41, 6413-6418	5.5	145
461	Enzymatically triggered self-assembly of block copolymers. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 13949-51	16.4	144
460	Macromolecules at surfaces: Research challenges and opportunities from tribology to biology. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2003</b> , 41, 2755-2793	2.6	144
459	Design and synthesis of donor-acceptor Stenhouse adducts: a visible light photoswitch derived from furfural. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11316-29	4.2	142



458	Facile Routes to Patterned Surface Neutralization Layers for Block Copolymer Lithography. <i>Advanced Materials</i> , <b>2007</b> , 19, 4552-4557	24	142
457	Synthesis and characterization of core-shell star copolymers for in vivo PET imaging applications. <i>Biomacromolecules</i> , <b>2008</b> , 9, 1329-39	6.9	140
456	A Simple and Versatile Method for the Synthesis of C60 Copolymers. <i>Macromolecules</i> , <b>1994</b> , 27, 4836-4837	3.5	139
455	Molecular Interactions and Ordering in Electrically Doped Polymers: Blends of PBTTT and F4TCNQ. <i>Macromolecules</i> , <b>2014</b> , 47, 6836-6846	5.5	138
454	Linear versus dendritic molecular binders for hydrogel network formation with clay nanosheets: studies with ABA triblock copolyethers carrying guanidinium ion pendants. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15650-5	16.4	134
453	Fluorogenic 1,3-dipolar cycloaddition within the hydrophobic core of a shell cross-linked nanoparticle. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 6776-86	4.8	134
452	Stimuli-responsive azulene-based conjugated oligomers with polyaniline-like properties. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 10046-9	16.4	133
451	The effect of macromolecular architecture in nanomaterials: a comparison of site isolation in porphyrin core dendrimers and their isomeric linear analogues. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 3926-38	16.4	133
450	Unsymmetrical three-dimensional macromolecules: preparation and characterization of strongly dipolar dendritic macromolecules. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 11496-11505	16.4	133
449	Evolution and Future Directions of Metal-Free Atom Transfer Radical Polymerization. <i>Macromolecules</i> , <b>2018</b> , 51, 7421-7434	5.5	133
448	Cyclic block copolymers for controlling feature sizes in block copolymer lithography. <i>ACS Nano</i> , <b>2012</b> , 6, 10845-54	16.7	132
447	Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8376-8383	16.4	127
446	Click Assisted One-Pot Multi-Step Reactions in Polymer Science: Accelerated Synthetic Protocols. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 998-1015	4.8	127
445	One-Step Synthesis of Hyperbranched Polyesters. Molecular Weight Control and Chain End Functionalization. <i>Polymer Journal</i> , <b>1994</b> , 26, 187-197	2.7	127
444	Controlled supramolecular assembly of micelle-like gold nanoparticles in PS-b-P2VP diblock copolymers via hydrogen bonding. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16986-96	16.4	125
443	Versatile tuning of supramolecular hydrogels through metal complexation of oxidation-resistant catechol-inspired ligands. <i>Soft Matter</i> , <b>2013</b> , 9,	3.6	124
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