

A Dieter Schlä¹/₄ter

List of Publications by Year in descending order

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233
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times ranked

8690
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomy of a 2D Polymer Formation in the Single Crystal. <i>Macromolecules</i> , 2022, 55, 568-583.	2.2	3
2	Features that make macromolecules 2D polymers. <i>Reactive and Functional Polymers</i> , 2021, 161, 104856.	2.0	10
3	In-situ nanospectroscopic imaging of plasmon-induced two-dimensional [4+4]-cycloaddition polymerization on Au(111). <i>Nature Communications</i> , 2021, 12, 4557.	5.8	24
4	The Current Understanding of how 2D Polymers Grow Photochemically. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5478-5490.	1.2	10
5	Enriching and Quantifying Porous Single Layer 2D Polymers by Exfoliation of Chemically Modified van der Waals Crystals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5683-5695.	7.2	31
6	Enriching and Quantifying Porous Single Layer 2D Polymers by Exfoliation of Chemically Modified van der Waals Crystals. <i>Angewandte Chemie</i> , 2020, 132, 5732-5744.	1.6	7
7	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	1.1	69
8	How to use X-ray diffraction to elucidate 2D polymerization propagation in single crystals. <i>Chemical Society Reviews</i> , 2020, 49, 5140-5158.	18.7	27
9	Mastering polymer chemistry in two dimensions. <i>Communications Chemistry</i> , 2020, 3, .	2.0	7
10	Can one determine the density of an individual synthetic macromolecule?. <i>Soft Matter</i> , 2019, 15, 6547-6556.	1.2	0
11	Hybrid Dendronized Polymers as Molecular Objects: Viscoelastic Properties in the Melt. <i>Macromolecules</i> , 2019, 52, 7331-7342.	2.2	8
12	Structure Elucidation of 2D Polymer Monolayers Based on Crystallization Estimates Derived from Tip-Enhanced Raman Spectroscopy (TERS) Polymerization Conversion Data. <i>Journal of the American Chemical Society</i> , 2019, 141, 9867-9871.	6.6	23
13	Main-chain scission of individual macromolecules induced by solvent swelling. <i>Chemical Science</i> , 2019, 10, 6125-6139.	3.7	13
14	Bridging Length Scales by Photochemistry. <i>ChemPhotoChem</i> , 2019, 3, 64-65.	1.5	0
15	3D Conformations of Thick Synthetic Polymer Chains Observed by Cryogenic Electron Microscopy. <i>ACS Nano</i> , 2019, 13, 3466-3473.	7.3	11
16	Tip-enhanced Raman spectroscopy for structural analysis of two-dimensional covalent monolayers synthesized on water and on Au (111). <i>Chemical Science</i> , 2019, 10, 9673-9678.	3.7	13
17	Synthetic 2D Polymers: A Critical Perspective and a Look into the Future. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800719.	2.0	62
18	Unraveling two-dimensional polymerization in the single crystal. <i>Journal of Applied Crystallography</i> , 2018, 51, 481-497.	1.9	25

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19	Chemical Mapping of Nanodefects within 2D Covalent Monolayers by Tip-Enhanced Raman Spectroscopy. ACS Nano, 2018, 12, 5021-5029.	7.3	45
20	Photochemical Creation of Covalent Organic 2D Monolayer Objects in Defined Shapes via a Lithographic 2D Polymerization. ACS Nano, 2018, 12, 11294-11306.	7.3	16
21	Synthesis of a Monomer for Two-Dimensional Polymerization under Technically Feasible Conditions. Helvetica Chimica Acta, 2018, 101, e1800128.	1.0	5
22	Makroskopische kristalline 2D-Polymere. Angewandte Chemie, 2018, 130, 13942-13959.	1.6	23
23	Towards Macroscopic Crystalline 2D Polymers. Angewandte Chemie - International Edition, 2018, 57, 13748-13763.	7.2	113
24	Synthesizing molecular fishing nets. Physics Today, 2018, 71, 40-47.	0.3	59
25	Single-Crystal-to-Single-Crystal (SCSC) Linear Polymerization of a Desymmetrized Anthraphane. Chemistry - A European Journal, 2018, 24, 15003-15012.	1.7	15
26	Pushing Synthesis toward the Maximum Generation Range of Dendritic Macromolecules. Macromolecules, 2018, 51, 5420-5429.	2.2	10
27	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. Angewandte Chemie, 2018, 130, 10744-10748.	1.6	10
28	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. Angewandte Chemie - International Edition, 2018, 57, 10584-10588.	7.2	61
29	A Two-Dimensional Polymer Synthesized through Topochemical [2 + 2]-Cycloaddition on the Multigram Scale. Journal of the American Chemical Society, 2017, 139, 2053-2059.	6.6	138
30	Design, synthesis and cytotoxic activity of water-soluble quinones with dibromo-p-benzoquinone cores and amino oligo(ethylene glycol) side chains against MCF-7 breast cancer cells. MedChemComm, 2017, 8, 662-672.	3.5	4
31	Synthetic Two-Dimensional Polymers. Annual Review of Materials Research, 2017, 47, 361-389.	4.3	58
32	Three-Legged 2,2'-Bipyridine Monomer at the Air/Water Interface: Monolayer Structure and Reactions with Ni(II) Ions from the Subphase. Langmuir, 2017, 33, 1646-1654.	1.6	5
33	Tensile Behavior of a Substituted Poly(m-phenylene) versus Its Parent Counterpart and Synthesis of Related Polyarylenes. Macromolecular Chemistry and Physics, 2017, 218, 1600561.	1.1	4
34	Ink-Free Reversible Optical Writing in Monolayers by Polymerization of a Trifunctional Monomer: Toward Rewritable Molecular Paper. Advanced Materials, 2017, 29, 1701220.	11.1	25
35	Dendronized Polymers with Ureidopyrimidinone Groups: An Efficient Strategy To Tailor Intermolecular Interactions, Rheology, and Fracture. Macromolecules, 2017, 50, 5176-5187.	2.2	17
36	Library of Single Crystal Structures of a D _{3h} -Symmetric Hydrocarbon Cyclophane: A Comprehensive Packing Study of Anthraphane from 30 Solvents. Crystal Growth and Design, 2017, 17, 3419-3432.	1.4	13

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37	Nanoscale Chemical Imaging of Interfacial Monolayers by Tip-Enhanced Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9361-9366.	7.2	32
38	Nanoscale Chemical Imaging of Interfacial Monolayers by Tip-Enhanced Raman Spectroscopy. <i>Angewandte Chemie</i> , 2017, 129, 9489-9494.	1.6	7
39	Preparation and Applications of Dendronized Polymer-Enzyme Conjugates. <i>Methods in Enzymology</i> , 2017, 590, 445-474.	0.4	9
40	Structural Characterization of a Covalent Monolayer Sheet Obtained by Two-Dimensional Polymerization at an Air/Water Interface. <i>Angewandte Chemie</i> , 2017, 129, 15464-15468.	1.6	5
41	Structural Characterization of a Covalent Monolayer Sheet Obtained by Two-Dimensional Polymerization at an Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15262-15266.	7.2	39
42	Photochemical Single-Crystal-to-Single-Crystal (SCSC) Reactions of Anthraphane to Dianthraphane and Poly-1D-anthraphane. <i>Crystal Growth and Design</i> , 2017, 17, 6510-6522.	1.4	22
43	Exfoliation of two-dimensional polymer single crystals into thin sheets and investigations of their surface structure by high-resolution atomic force microscopy. <i>Nanoscale</i> , 2017, 9, 9481-9490.	2.8	9
44	Exploring the Loading Capacity of Generation Six to Eight Dendronized Polymers in Aqueous Solution. <i>ChemPhysChem</i> , 2016, 17, 2767-2772.	1.0	1
45	Decorating the Edges of a 2D Polymer with a Fluorescence Label. <i>Journal of the American Chemical Society</i> , 2016, 138, 8976-8981.	6.6	19
46	The persistence length of adsorbed dendronized polymers. <i>Nanoscale</i> , 2016, 8, 13498-13506.	2.8	12
47	Synthesis of a Two-Dimensional Covalent Organic Monolayer through Dynamic Imine Chemistry at the Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 213-217.	7.2	276
48	Recording stretching response of single polymer chains adsorbed on solid substrates. <i>Polymer</i> , 2016, 102, 350-362.	1.8	15
49	Solvatochromism of dye-labeled dendronized polymers of generation numbers 1-4: comparison to dendrimers. <i>Chemical Science</i> , 2016, 7, 4644-4652.	3.7	9
50	Rheology and Packing of Dendronized Polymers. <i>Macromolecules</i> , 2016, 49, 7054-7068.	2.2	34
51	How the World Changes By Going from One- to Two-Dimensional Polymers in Solution. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1638-1650.	2.0	34
52	Shielding effects in spacious macromolecules: a case study with dendronized polymers. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 964-968.	1.6	6
53	Two-dimensional polymers: concepts and perspectives. <i>Chemical Communications</i> , 2016, 52, 18-34.	2.2	185
54	Propeller-Shaped D _{3h} -Symmetric Macrocycles with Three 1,8-Diazaanthracene Blades as Building Blocks for Photochemically Induced Growth Reactions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4519-4523.	1.2	4

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55	Enzyme immobilization on silicate glass through simple adsorption of dendronized polymer–enzyme conjugates for localized enzymatic cascade reactions. <i>RSC Advances</i> , 2015, 5, 44530-44544.	1.7	41
56	Scalable Synthesis of Two-dimensional Polymer Crystals and Exfoliation into Nanometer-thin Sheets. <i>Chimia</i> , 2015, 69, 217-219.	0.3	1
57	Modeling Nanosized Single Molecule Objects: Dendronized Polymers Adsorbed onto Mica. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3746-3753.	1.5	11
58	Large Area Synthesis of a Nanoporous Two-Dimensional Polymer at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 3450-3453.	6.6	209
59	Internal organization of macromonomers and dendronized polymers based on thiophene dendrons. <i>Soft Matter</i> , 2015, 11, 1116-1126.	1.2	5
60	Minimally Invasive Characterization of Covalent Monolayer Sheets Using Tip-Enhanced Raman Spectroscopy. <i>ACS Nano</i> , 2015, 9, 4252-4259.	7.3	40
61	A robust procedure for large scale synthesis of a high molar mass, unsubstituted poly(m,p-phenylene). <i>Polymer Chemistry</i> , 2015, 6, 7833-7840.	1.9	6
62	Approaching Two-Dimensional Copolymers: Photoirradiation of Anthracene- and Diazaanthracene-Bearing Monomers in Langmuir Monolayers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 151-158.	2.0	38
63	Synthesis of a Covalent Monolayer Sheet by Photochemical Anthracene Dimerization at the Air/Water Interface and its Mechanical Characterization by AFM Indentation. <i>Advanced Materials</i> , 2014, 26, 2052-2058.	11.1	147
64	Ladder-Type Polymers. , 2014, , 1-6.		0
65	Facile Synthesis and Theoretical Conformation Analysis of a Triazine-Based Double-Decker Rotor Molecule with Three Anthracene Blades. <i>Chemistry - A European Journal</i> , 2014, 20, 6934-6938.	1.7	20
66	Synthesis of Neutral, Water-Soluble Oligo-Ethylene Glycol-Containing Dendronized Homo- and Copolymers of Generations 1, 1.5, 2, and 3. <i>Macromolecules</i> , 2014, 47, 7337-7346.	2.2	18
67	Progress in the Suzuki polycondensation of fluorene monomers. <i>RSC Advances</i> , 2014, 4, 57026-57034.	1.7	8
68	Dendronized Polymers: Molecular Objects between Conventional Linear Polymers and Colloidal Particles. <i>ACS Macro Letters</i> , 2014, 3, 991-998.	2.3	62
69	Interactions in dendronized polymers: intramolecular dominates intermolecular. <i>Soft Matter</i> , 2014, 10, 1032.	1.2	16
70	Gram-scale synthesis of two-dimensional polymer crystals and their structure analysis by X-ray diffraction. <i>Nature Chemistry</i> , 2014, 6, 779-784.	6.6	356
71	Single-Molecule Force Measurements by Nano-Handling of Individual Dendronized Polymers. <i>ACS Nano</i> , 2014, 8, 2237-2245.	7.3	15
72	Synthesis of Two-Dimensional Analogues of Copolymers by Site-to-Site Transmetalation of Organometallic Monolayer Sheets. <i>Journal of the American Chemical Society</i> , 2014, 136, 6103-6110.	6.6	128

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73	Synthesis of High Generation Dendronized Polymers and Quantification of Their Structure Perfection. <i>Macromolecules</i> , 2014, 47, 4127-4135.	2.2	24
74	Effect of Molecular Architecture on Single Polymer Adhesion. <i>Langmuir</i> , 2014, 30, 4351-4357.	1.6	32
75	Room Temperature Synthesis of a Covalent Monolayer Sheet at Air/Water Interface Using a Shape-Persistent Photoreactive Amphiphilic Monomer. <i>ACS Macro Letters</i> , 2014, 3, 153-158.	2.3	33
76	Synthesis of Shape-Persistent Macrocycles with Three 1,8-Diazaanthracene Units and Their Packing in the Single Crystal. <i>Chemistry - A European Journal</i> , 2013, 19, 13348-13354.	1.7	9
77	Structure and Enzymatic Properties of Molecular Dendronized Polymer-Enzyme Conjugates and Their Entrapment inside Giant Vesicles. <i>Langmuir</i> , 2013, 29, 10831-10840.	1.6	40
78	A Two-Dimensional Polymer from the Anthracene Dimer and Triptycene Motifs. <i>Journal of the American Chemical Society</i> , 2013, 135, 14134-14141.	6.6	179
79	Branching Defects in Dendritic Molecules: Coupling Efficiency and Congestion Effects. <i>Macromolecules</i> , 2013, 46, 7550-7564.	2.2	11
80	Computer simulation of dendronized polymers: organization and characterization at the atomistic level. <i>RSC Advances</i> , 2013, 3, 126-140.	1.7	26
81	PEG-Stabilized Core-Shell Nanoparticles: Impact of Linear versus Dendritic Polymer Shell Architecture on Colloidal Properties and the Reversibility of Temperature-Induced Aggregation. <i>ACS Nano</i> , 2013, 7, 316-329.	7.3	176
82	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. <i>Nature Communications</i> , 2013, 4, 1993.	5.8	21
83	Computer Simulation of Fifth Generation Dendronized Polymers: Impact of Charge on Internal Organization. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6007-6017.	1.2	20
84	Interactions between Individual Charged Dendronized Polymers and Surfaces. <i>Macromolecules</i> , 2013, 46, 3603-3610.	2.2	18
85	Sustained gastrointestinal activity of dendronized polymer-enzyme conjugates. <i>Nature Chemistry</i> , 2013, 5, 582-589.	6.6	92
86	Solvent induced phenomena in a dendronized linear polymer. <i>Colloid and Polymer Science</i> , 2013, 291, 2879-2892.	1.0	17
87	The Viscosity Law of Dendronized Linear Polymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1537-1541.	2.0	3
88	Frontiers in Polymer Chemistry. <i>Chimia</i> , 2013, 67, 804.	0.3	2
89	Square-Micrometer-Sized, Free-Standing Organometallic Sheets and Their Square-Centimeter-Sized Multilayers on Solid Substrates. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1670-1680.	2.0	71
90	Copolymerization of a dendronized monomer with styrene and different acrylates: Determination of reactivity ratios. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1372-1377.	2.5	8

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91	Approaching Two-dimensional Polymers with Macroscopic Sizes. <i>Chimia</i> , 2013, 67, 283-285.	0.3	3
92	Polyphenylenes. , 2013, , 1-6.		0
93	Dendronized Homopolymers. , 2013, , 1-7.		0
94	Synthesis of Macrocycles with Anthracene Units and Amide Bonds; Potential Building Blocks for 1D and 2D Constructions. <i>Synlett</i> , 2012, 23, 1467-1472.	1.0	4
95	Main-Chain Scission of a Charged Fifth-Generation Dendronized Polymer. <i>Helvetica Chimica Acta</i> , 2012, 95, 2399-2410.	1.0	12
96	Suzuki Polycondensation toward High Molecular Weight Poly(m-phenylene)s: Mechanistic Insights and End-Functionalization. <i>Macromolecules</i> , 2012, 45, 5418-5426.	2.2	39
97	Putting aromatic compounds to work: Rational synthesis of organic 2D polymers. <i>Pure and Applied Chemistry</i> , 2012, 84, 861-867.	0.9	10
98	Non-charged, water soluble dendronized polymers. <i>New Journal of Chemistry</i> , 2012, 36, 414-418.	1.4	6
99	Synthesis of Dendronized Polymers by a π - π^+ Approach. <i>Macromolecules</i> , 2012, 45, 8555-8560.	2.2	21
100	Simple enzyme immobilization inside glass tubes for enzymatic cascade reactions. <i>Journal of Materials Chemistry</i> , 2012, 22, 502-511.	6.7	31
101	Loading and release capabilities of charged dendronized polymers revealed by EPR spectroscopy. <i>Chemical Science</i> , 2012, 3, 2550.	3.7	18
102	A two-dimensional polymer prepared by organic synthesis. <i>Nature Chemistry</i> , 2012, 4, 287-291.	6.6	376
103	A Fluorescently Labeled Dendronized Polymer-Enzyme Conjugate Carrying Multiple Copies of Two Different Types of Active Enzymes. <i>Journal of the American Chemical Society</i> , 2012, 134, 11392-11395.	6.6	80
104	Sequential Immobilization of Enzymes in Microfluidic Channels for Cascade Reactions. <i>ChemPlusChem</i> , 2012, 77, 98-101.	1.3	57
105	Solid-State Photopolymerization of a Shape-Persistent Macrocyclic with Two 1,8-Diazaanthracene Units in a Single Crystal. <i>Journal of the American Chemical Society</i> , 2012, 134, 11721-11725.	6.6	45
106	Self-Assembly of Focal Point Oligo-catechol Ethylene Glycol Dendrons on Titanium Oxide Surfaces: Adsorption Kinetics, Surface Characterization, and Nonfouling Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 10940-10950.	6.6	185
107	Assessing the Solution Shape and Size of Charged Dendronized Polymers Using Double Electron-Electron Resonance. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1583-1587.	2.1	28
108	Formation of a Mesoscopic Skin Barrier in Mesoglobules of Thermoresponsive Polymers. <i>Journal of the American Chemical Society</i> , 2011, 133, 10832-10838.	6.6	76

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109	Gestaltete GrÃ¼Ã¶e. Nachrichten Aus Der Chemie, 2011, 59, 606-612.	0.0	1
110	Immobilization of Peroxidase on SiO ₂ Surfaces with the Help of a Dendronized Polymer and the Avidinâ€Biotin System. Macromolecular Bioscience, 2011, 11, 1052-1067.	2.1	33
111	EPR Spectroscopy Provides a Molecular View on Thermoresponsive Dendronized Polymers Below the Critical Temperature. Macromolecular Chemistry and Physics, 2011, 212, 1229-1235.	1.1	32
112	Shapeâ€Persistent Macrocycles as Ligands and Sensitisers of Nd ³⁺ Ions. European Journal of Inorganic Chemistry, 2011, 2011, 1479-1486.	1.0	5
113	The Largest Synthetic Structure with Molecular Precision: Towards a Molecular Object. Angewandte Chemie - International Edition, 2011, 50, 737-740.	7.2	111
114	Synthesis of Freeâ€Standing, Monolayered Organometallic Sheets at the Air/Water Interface. Angewandte Chemie - International Edition, 2011, 50, 7879-7884.	7.2	257
115	Evidence for Fully Conjugated Doubleâ€Stranded Cycles. Chemistry - A European Journal, 2011, 17, 12163-12174.	1.7	17
116	Controlling Hierarchical Self-Assembly in Supramolecular Tailed-Dendron Systems. Macromolecules, 2010, 43, 4752-4760.	2.2	15
117	Iron(II) Spin-Transition Complexes with Dendritic Ligands, Part II. European Journal of Inorganic Chemistry, 2010, 2010, 3930-3941.	1.0	9
118	Large Mechanical Response of Single Dendronized Polymers Induced by Ionic Strength. Angewandte Chemie - International Edition, 2010, 49, 4250-4253.	7.2	31
119	EPR Spectroscopic Characterization of Local Nanoscopic Heterogeneities during the Thermal Collapse of Thermoresponsive Dendronized Polymers. Angewandte Chemie - International Edition, 2010, 49, 5683-5687.	7.2	105
120	Dendronized Polymers with Aromatic Sulfonimide Dendrons. Macromolecular Chemistry and Physics, 2010, 211, 1538-1549.	1.1	6
121	Synthesis with Single Macromolecules: Covalent Connection between a Neutral Dendronized Polymer and Polyelectrolyte Chains as well as Graphene Edges. Macromolecular Rapid Communications, 2010, 31, 362-367.	2.0	10
122	Towards 2D and 3D Coordination Polymers: Synthesis of Shape-Persistent Star Monomers with 2,2â€:6â€:2â€-Terpyridin-4â€-yl Units at the Periphery. Synlett, 2010, 2010, 877-880.	1.0	2
123	Self-Assembly and Induced Circular Dichroism in Dendritic Supramolecules with Cholesteric Pendant Groups. Journal of the American Chemical Society, 2010, 132, 10882-10890.	6.6	39
124	Macrocyclic Amphiphiles with 1,8-Anthrylene Fluorophores: Synthesis and Attempts toward Two-Dimensional Organization. Organic Letters, 2010, 12, 2778-2781.	2.4	27
125	Formation of Stable Mesoglobules by a Thermosensitive Dendronized Polymer. Macromolecules, 2009, 42, 7122-7128.	2.2	43
126	Rational Monomer Design towards 2D Polymers: Synthesis of a Macrocycle with Three 1,8â€Anthrylene Units. Chemistry - A European Journal, 2009, 15, 8955-8960.	1.7	29

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127	A Chemical System that Mimics Decoding Operations. <i>ChemPhysChem</i> , 2009, 10, 495-498.	1.0	19
128	An Easy and Multigram Scale Synthesis of Versatile AA and AB Type <i>m</i> -Terphenylenes as Building Blocks for Kinked Polyphenylenes. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2953-2955.	1.2	13
129	Suzuki Polycondensation: Polyarylenes À la Carte. <i>Macromolecular Rapid Communications</i> , 2009, 30, 653-687.	2.0	289
130	Two-Dimensional Polymers: Just a Dream of Synthetic Chemists?. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1030-1069.	7.2	651
131	Synthesis of an oligo(ethylene glycol)-based third-generation thermoresponsive dendronized polymer. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6630-6640.	2.5	65
132	Tuning Polymer Thickness: Synthesis and Scaling Theory of Homologous Series of Dendronized Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 11841-11854.	6.6	130
133	Ion-Induced Stretching of Low Generation Dendronized Polymers with Crown Ether Branching Units. <i>Macromolecules</i> , 2009, 42, 8781-8793.	2.2	24
134	Thermally Reversible Self-Assembly of Double-Hydrophilic Diblock Copolymers from Poly(<i>N</i> -isopropylacrylamide) and Dendronized Polymethacrylates. <i>Israel Journal of Chemistry</i> , 2009, 49, 49-53.	1.0	5
135	Suzuki Polycondensation with a Hairpin Monomer. <i>Organic Letters</i> , 2009, 11, 4112-4115.	2.4	21
136	Self-Assembly and Hierarchical Structure Formation of Macromolecules. <i>Macromolecular Rapid Communications</i> , 2008, 29, 279-279.	2.0	2
137	Dendronized Polymers via Macromonomer Route in Supercritical Carbon Dioxide. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1609-1613.	2.0	15
138	Polyarylene Synthesis by Suzuki Polycondensation of Aryl Dichlorides and an Aryl Diboronic Acid Ester. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1661-1665.	2.0	24
139	Towards a Fully Conjugated, Double-Stranded Cycle: A Mass Spectrometric and Theoretical Study. <i>Chemistry - A European Journal</i> , 2008, 14, 1628-1637.	1.7	26
140	A Rigid, Chiral, Dendronized Polymer with a Thermally Stable, Right-Handed Helical Conformation. <i>Chemistry - A European Journal</i> , 2008, 14, 6924-6934.	1.7	49
141	Synthesis of Compounds Presenting Three and Four Anthracene Units as Potential Connectors To Mediate Infinite Lateral Growth at the Air/Water Interface. <i>Chemistry - A European Journal</i> , 2008, 14, 10797-10807.	1.7	19
142	Shape-Persistent Macrocycles Functionalised with Coumarin Dyes: Acid-Controlled Energy and Electron Transfer Processes. <i>Chemistry - A European Journal</i> , 2008, 14, 10772-10781.	1.7	11
143	Iron(II) Spin Transition Complexes with Dendritic Ligands, Part I. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1613-1622.	1.0	13
144	Self-Folding of Charged Single Dendronized Polymers. <i>Advanced Materials</i> , 2008, 20, 3204-3210.	11.1	31

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145	Thermoresponsive Dendronized Polymers. <i>Macromolecules</i> , 2008, 41, 3659-3667.	2.2	148
146	Thermoresponsive dendronized polymers with tunable lower critical solution temperatures. <i>Chemical Communications</i> , 2008, , 5523.	2.2	113
147	Branched versus Linear Polyelectrolytes: Intrinsic Viscosities of Peripherally Charged Dendronized Poly(methyl methacrylate)s and of Their Uncharged Analogues. <i>Macromolecules</i> , 2008, 41, 8173-8180.	2.2	33
148	A Set of Homologous Hetarylenediene Macrocycles by Oxidative Acetylene-Acetylene Coupling. <i>Organic Letters</i> , 2008, 10, 2091-2093.	2.4	15
149	Efficient Synthesis of First- and Second-Generation, Water-Soluble Dendronized Polymers. <i>Macromolecules</i> , 2008, 41, 43-49.	2.2	37
150	An Easy and Multigram Scale Synthesis of Anthracene-1,8-ditriflate. <i>Synlett</i> , 2008, 2008, 1793-1796.	1.0	1
151	Functional Columnar Liquid Crystalline Phases From Ionic Complexes of Dendronized Polymers and Sulfate Alkyl Tails. <i>Macromolecular Symposia</i> , 2008, 270, 58-64.	0.4	8
152	Real Space Imaging and Molecular Packing of Dendronized Polymer ⁺ Lipid Supramolecular Complexes. <i>Macromolecules</i> , 2007, 40, 7609-7616.	2.2	53
153	An easy accessible homologous set of first to fifth generation dendritic methacrylic macromonomers and their polymerizations. <i>New Journal of Chemistry</i> , 2007, 31, 1313.	1.4	11
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