

A Dieter Schlter

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.

222
papers

10,039
citations

52
h-index

91
g-index

233
ext. papers

10,745
ext. citations

7.2
avg. IF

6.36
L-index

#	Paper	IF	Citations
222	Anatomy of a 2D Polymer Formation in the Single Crystal. <i>Macromolecules</i> , 2022 , 55, 568-583	5.5	0
221	Features that make macromolecules 2D polymers. <i>Reactive and Functional Polymers</i> , 2021 , 161, 104856	4.6	5
220	In-situ nanospectroscopic imaging of plasmon-induced two-dimensional [4+4]-cycloaddition polymerization on Au(111). <i>Nature Communications</i> , 2021 , 12, 4557	17.4	7
219	The Current Understanding of how 2D Polymers Grow Photochemically. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 5478	3.2	0
218	How to use X-ray diffraction to elucidate 2D polymerization propagation in single crystals. <i>Chemical Society Reviews</i> , 2020 , 49, 5140-5158	58.5	16
217	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	16.4	19
216	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	3.6	3
215	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000216	2.6	36
214	Hybrid Dendronized Polymers as Molecular Objects: Viscoelastic Properties in the Melt. <i>Macromolecules</i> , 2019 , 52, 7331-7342	5.5	6
213	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	16.4	15
212	Main-chain scission of individual macromolecules induced by solvent swelling. <i>Chemical Science</i> , 2019 , 10, 6125-6139	9.4	9
211	Bridging Length Scales by Photochemistry. <i>ChemPhotoChem</i> , 2019 , 3, 64-65	3.3	
210	3D Conformations of Thick Synthetic Polymer Chains Observed by Cryogenic Electron Microscopy. <i>ACS Nano</i> , 2019 , 13, 3466-3473	16.7	8
209	Can one determine the density of an individual synthetic macromolecule?. <i>Soft Matter</i> , 2019 , 15, 6547-6556	5.6	
208	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	9.4	7
207	Synthetic 2D Polymers: A Critical Perspective and a Look into the Future. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800719	4.8	46
206	Unraveling two-dimensional polymerization in the single crystal. <i>Journal of Applied Crystallography</i> , 2018 , 51, 481-497	3.8	21

205	Chemical Mapping of Nanodefects within 2D Covalent Monolayers by Tip-Enhanced Raman Spectroscopy. <i>ACS Nano</i> , 2018 , 12, 5021-5029	16.7	34
204	Single-Crystal-to-Single-Crystal (SCSC) Linear Polymerization of a Desymmetrized Anthraphane. <i>Chemistry - A European Journal</i> , 2018 , 24, 15003-15012	4.8	10
203	Pushing Synthesis toward the Maximum Generation Range of Dendritic Macromolecules. <i>Macromolecules</i> , 2018 , 51, 5420-5429	5.5	8
202	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. <i>Angewandte Chemie</i> , 2018 , 130, 10744-10748	3.6	7
201	A Two-Dimensional Polymer Synthesized at the Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10584-10588	16.4	44
200	Photochemical Creation of Covalent Organic 2D Monolayer Objects in Defined Shapes via a Lithographic 2D Polymerization. <i>ACS Nano</i> , 2018 , 12, 11294-11306	16.7	13
199	Synthesis of a Monomer for Two-Dimensional Polymerization under Technically Feasible Conditions. <i>Helvetica Chimica Acta</i> , 2018 , 101, e1800128	2	3
198	Makroskopische kristalline 2D-Polymere. <i>Angewandte Chemie</i> , 2018 , 130, 13942-13959	3.6	15
197	Towards Macroscopic Crystalline 2D Polymers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13748-13763	16.1	63
196	Synthesizing molecular fishing nets. <i>Physics Today</i> , 2018 , 71, 40-47	0.9	49
195	A Two-Dimensional Polymer Synthesized through Topochemical [2 + 2]-Cycloaddition on the Multigram Scale. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2053-2059	16.4	101
194	Design, synthesis and cytotoxic activity of water-soluble quinones with dibromo--benzoquinone cores and amino oligo(ethylene glycol) side chains against MCF-7 breast cancer cells. <i>MedChemComm</i> , 2017 , 8, 662-672	5	4
193	Synthetic Two-Dimensional Polymers. <i>Annual Review of Materials Research</i> , 2017 , 47, 361-389	12.8	45
192	Three-Legged 2,2'-Bipyridine Monomer at the Air/Water Interface: Monolayer Structure and Reactions with Ni(II) Ions from the Subphase. <i>Langmuir</i> , 2017 , 33, 1646-1654	4	4
191	Tensile Behavior of a Substituted Poly(m,p-phenylene) versus Its Parent Counterpart and Synthesis of Related Polyarylenes. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600561	2.6	4
190	Ink-Free Reversible Optical Writing in Monolayers by Polymerization of a Trifunctional Monomer: Toward Rewritable "Molecular Paper". <i>Advanced Materials</i> , 2017 , 29, 1701220	24	23
189	Dendronized Polymers with Ureidopyrimidinone Groups: An Efficient Strategy To Tailor Intermolecular Interactions, Rheology, and Fracture. <i>Macromolecules</i> , 2017 , 50, 5176-5187	5.5	14
188	Library of Single Crystal Structures of a D3h-Symmetric Hydrocarbon Cyclophane: A Comprehensive Packing Study of Anthraphane from 30 Solvents. <i>Crystal Growth and Design</i> , 2017 , 17, 3419-3432	3.5	6

187	Nanoscale Chemical Imaging of Interfacial Monolayers by Tip-Enhanced Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9361-9366	16.4	28
186	Nanoscale Chemical Imaging of Interfacial Monolayers by Tip-Enhanced Raman Spectroscopy. <i>Angewandte Chemie</i> , 2017 , 129, 9489-9494	3.6	7
185	Preparation and Applications of Dendronized Polymer-Enzyme Conjugates. <i>Methods in Enzymology</i> , 2017 , 590, 445-474	1.7	6
184	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	3.6	4
183	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	16.4	33
182	Photochemical Single-Crystal-to-Single-Crystal (SCSC) Reactions of Anthraphane to Dianthraphane and Poly1Danthraphane. <i>Crystal Growth and Design</i> , 2017 , 17, 6510-6522	3.5	14
181	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	7.7	8
180	How the World Changes By Going from One- to Two-Dimensional Polymers in Solution. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1638-1650	4.8	27
179	Shielding effects in spacious macromolecules: a case study with dendronized polymers. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 964-8	4.2	5
178	Synthesis of a Two-Dimensional Covalent Organic Monolayer through Dynamic Imine Chemistry at the Air/Water Interface. <i>Angewandte Chemie</i> , 2016 , 128, 221-225	3.6	55
177	Two-dimensional polymers: concepts and perspectives. <i>Chemical Communications</i> , 2016 , 52, 18-34	5.8	154
176	Exploring the Loading Capacity of Generation Six to Eight Dendronized Polymers in Aqueous Solution. <i>ChemPhysChem</i> , 2016 , 17, 2767-72	3.2	1
175	Decorating the Edges of a 2D Polymer with a Fluorescence Label. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8976-81	16.4	16
174	The persistence length of adsorbed dendronized polymers. <i>Nanoscale</i> , 2016 , 8, 13498-506	7.7	10
173	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, 213-7	16.4	213
172	Recording stretching response of single polymer chains adsorbed on solid substrates. <i>Polymer</i> , 2016 , 102, 350-362	3.9	12
171	Solvatochromism of dye-labeled dendronized polymers of generation numbers 1-4: comparison to dendrimers. <i>Chemical Science</i> , 2016 , 7, 4644-4652	9.4	9
170	Rheology and Packing of Dendronized Polymers. <i>Macromolecules</i> , 2016 , 49, 7054-7068	5.5	28

169	Large area synthesis of a nanoporous two-dimensional polymer at the air/water interface. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3450-3	16.4	176
168	Internal organization of macromonomers and dendronized polymers based on thiophene dendrons. <i>Soft Matter</i> , 2015 , 11, 1116-26	3.6	5
167	Minimally invasive characterization of covalent monolayer sheets using tip-enhanced Raman spectroscopy. <i>ACS Nano</i> , 2015 , 9, 4252-9	16.7	33
166	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	4.9	6
165	Approaching two-dimensional copolymers: photoirradiation of anthracene- and diaza-anthracene-bearing monomers in Langmuir monolayers. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 151-8	4.8	32
164	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	3.2	3
163	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	3.7	38
162	Modeling Nanosized Single Molecule Objects: Dendronized Polymers Adsorbed onto Mica. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 3746-3753	3.8	11
161	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, 6934-8	4.8	15
160	Synthesis of Neutral, Water-Soluble OligoEthylene Glycol-Containing Dendronized Homo- and Copolymers of Generations 1, 1.5, 2, and 3. <i>Macromolecules</i> , 2014 , 47, 7337-7346	5.5	17
159	Progress in the Suzuki polycondensation of fluorene monomers. <i>RSC Advances</i> , 2014 , 4, 57026-57034	3.7	7
158	Dendronized Polymers: Molecular Objects between Conventional Linear Polymers and Colloidal Particles. <i>ACS Macro Letters</i> , 2014 , 3, 991-998	6.6	56
157	Interactions in dendronized polymers: intramolecular dominates intermolecular. <i>Soft Matter</i> , 2014 , 10, 1032-44	3.6	16
156	Gram-scale synthesis of two-dimensional polymer crystals and their structure analysis by X-ray diffraction. <i>Nature Chemistry</i> , 2014 , 6, 779-84	17.6	289
155	Single-molecule force measurements by nano-handling of individual dendronized polymers. <i>ACS Nano</i> , 2014 , 8, 2237-45	16.7	12
154	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, 6103-10	16.4	111
153	Synthesis of High Generation Dendronized Polymers and Quantification of Their Structure Perfection. <i>Macromolecules</i> , 2014 , 47, 4127-4135	5.5	22
152	Effect of molecular architecture on single polymer adhesion. <i>Langmuir</i> , 2014 , 30, 4351-7	4	25

151	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	6.6	32
150	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, 2052-8	24	134
149	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, 13348-54	4.8	9
148	Structure and enzymatic properties of molecular dendronized polymer-enzyme conjugates and their entrapment inside giant vesicles. <i>Langmuir</i> , 2013 , 29, 10831-40	4	33
147	A two-dimensional polymer from the anthracene dimer and triptycene motifs. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14134-41	16.4	152
146	Branching Defects in Dendritic Molecules: Coupling Efficiency and Congestion Effects. <i>Macromolecules</i> , 2013 , 46, 7550-7564	5.5	11
145	Computer simulation of dendronized polymers: organization and characterization at the atomistic level. <i>RSC Advances</i> , 2013 , 3, 126-140	3.7	24
144	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, 316-29	16.7	154
143	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. <i>Nature Communications</i> , 2013 , 4, 1993	17.4	19
142	Computer simulation of fifth generation dendronized polymers: impact of charge on internal organization. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 6007-17	3.4	20
141	Interactions between Individual Charged Dendronized Polymers and Surfaces. <i>Macromolecules</i> , 2013 , 46, 3603-3610	5.5	17
140	Sustained gastrointestinal activity of dendronized polymer-enzyme conjugates. <i>Nature Chemistry</i> , 2013 , 5, 582-9	17.6	82
139	Solvent induced phenomena in a dendronized linear polymer. <i>Colloid and Polymer Science</i> , 2013 , 291, 2879-2892	2.4	16
138	The viscosity law of dendronized linear polymers. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1537-48	4.8	3
137	Frontiers in polymer chemistry. <i>Chimia</i> , 2013 , 67, 804-10	1.3	2
136	Square-micrometer-sized, free-standing organometallic sheets and their square-centimeter-sized multilayers on solid substrates. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1670-80	4.8	63
135	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	7
134	Approaching two-dimensional polymers with macroscopic sizes. <i>Chimia</i> , 2013 , 67, 283-5	1.3	3

133	Main-Chain Scission of a Charged Fifth-Generation Dendronized Polymer. <i>Helvetica Chimica Acta</i> , 2012 , 95, 2399-2410	2	12
132	Suzuki Polycondensation toward High Molecular Weight Poly(m-phenylene)s: Mechanistic Insights and End-Functionalization. <i>Macromolecules</i> , 2012 , 45, 5418-5426	5.5	35
131	Putting aromatic compounds to work: Rational synthesis of organic 2D polymers. <i>Pure and Applied Chemistry</i> , 2012 , 84, 861-867	2.1	8
130	Non-charged, water soluble dendronized polymers. <i>New Journal of Chemistry</i> , 2012 , 36, 414-418	3.6	6
129	Synthesis of Dendronized Polymers by a $\beta + 2\alpha$ Approach. <i>Macromolecules</i> , 2012 , 45, 8555-8560	5.5	20
128	Suzuki Polycondensation 2012 , 627-676		
127	Simple enzyme immobilization inside glass tubes for enzymatic cascade reactions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 502-511		30
126	Two-Dimensional Polymers 2012 , 841-900		1
125	Loading and release capabilities of charged dendronized polymers revealed by EPR spectroscopy. <i>Chemical Science</i> , 2012 , 3, 2550	9.4	16
124	Dendronized Polymers: An Approach to Single Molecular Objects 2012 , 1131-1160		
123	A two-dimensional polymer prepared by organic synthesis. <i>Nature Chemistry</i> , 2012 , 4, 287-91	17.6	333
122	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, 11392-5	16.4	70
121	Sequential Immobilization of Enzymes in Microfluidic Channels for Cascade Reactions. <i>ChemPlusChem</i> , 2012 , 77, 98-101	2.8	51
120	Solid-state photopolymerization of a shape-persistent macrocycle with two 1,8-diazaanthracene units in a single crystal. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11721-5	16.4	38
119	Synthesis of Macrocycles with Anthracene Units and Amide Bonds; Potential Building Blocks for 1D and 2D Constructions. <i>Synlett</i> , 2012 , 23, 1467-1472	2.2	4
118	Formation of a mesoscopic skin barrier in mesoglobules of thermoresponsive polymers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10832-8	16.4	65
117	Gestaltete Gr \ddot{u} . <i>Nachrichten Aus Der Chemie</i> , 2011 , 59, 606-612	0.1	1
116	Immobilization of peroxidase on SiO ₂ surfaces with the help of a dendronized polymer and the avidin-biotin system. <i>Macromolecular Bioscience</i> , 2011 , 11, 1052-67	5.5	32

115	EPR Spectroscopy Provides a Molecular View on Thermoresponsive Dendronized Polymers Below the Critical Temperature. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 1229-1235	2.6	32
114	Shape-Persistent Macrocycles as Ligands and Sensitisers of Nd ³⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1479-1486	2.3	5
113	The Largest Synthetic Structure with Molecular Precision: Towards a Molecular Object. <i>Angewandte Chemie</i> , 2011 , 123, 763-766	3.6	20
112	Synthesis of Free-Standing, Monolayered Organometallic Sheets at the Air/Water Interface. <i>Angewandte Chemie</i> , 2011 , 123, 8025-8030	3.6	64
111	The largest synthetic structure with molecular precision: towards a molecular object. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 737-40	16.4	102
110	Synthesis of free-standing, monolayered organometallic sheets at the air/water interface. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7879-84	16.4	225
109	Evidence for fully conjugated double-stranded cycles. <i>Chemistry - A European Journal</i> , 2011 , 17, 12163-74.8	4.8	15
108	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, 10940-50	16.4	166
107	Assessing the Solution Shape and Size of Charged Dendronized Polymers Using Double Electron Resonance. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1583-1587	6.4	26
106	Towards 2D and 3D Coordination Polymers: Synthesis of Shape-Persistent Star Monomers with 2,2':6',2''-Terpyridin-4'-yl Units at the Periphery. <i>Synlett</i> , 2010 , 2010, 877-880	2.2	2
105	Self-assembly and induced circular dichroism in dendritic supramolecules with cholesteric pendant groups. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10882-90	16.4	38
104	Macrocyclic amphiphiles with 1,8-anthrylene fluorophores: synthesis and attempts toward two-dimensional organization. <i>Organic Letters</i> , 2010 , 12, 2778-81	6.2	26
103	Controlling Hierarchical Self-Assembly in Supramolecular Tailed-Dendron Systems. <i>Macromolecules</i> , 2010 , 43, 4752-4760	5.5	15
102	Iron(II) Spin-Transition Complexes with Dendritic Ligands, Part II. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3930-3941	2.3	9
101	Large mechanical response of single dendronized polymers induced by ionic strength. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4250-3	16.4	30
100	EPR spectroscopic characterization of local nanoscopic heterogeneities during the thermal collapse of thermoresponsive dendronized polymers. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5683-7	16.4	86
99	Dendronized Polymers with Aromatic Sulfonylimide Dendrons. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 1538-1549	2.6	6
98	Synthesis with Single Macromolecules: Covalent Connection between a Neutral Dendronized Polymer and Polyelectrolyte Chains as well as Graphene Edges. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 362-7	4.8	9

97	Formation of Stable Mesoglobules by a Thermosensitive Dendronized Polymer. <i>Macromolecules</i> , 2009 , 42, 7122-7128	5.5	39
96	Rational monomer design towards 2D polymers: synthesis of a macrocycle with three 1,8-anthrylene units. <i>Chemistry - A European Journal</i> , 2009 , 15, 8955-60	4.8	28
95	A chemical system that mimics decoding operations. <i>ChemPhysChem</i> , 2009 , 10, 495-8	3.2	18
94	An Easy and Multigram-Scale Synthesis of Versatile AA- and AB-Type m-Terphenylenes as Building Blocks for Kinked Polyphenylenes. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2953-2955	3.2	12
93	Suzuki Polycondensation: Polyarylenes à Carte. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 653-87.8	4.8	242
92	Two-dimensional polymers: just a dream of synthetic chemists?. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1030-69	16.4	590
91	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	63
90	Tuning polymer thickness: synthesis and scaling theory of homologous series of dendronized polymers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11841-54	16.4	121
89	Ion-Induced Stretching of Low Generation Dendronized Polymers with Crown Ether Branching Units. <i>Macromolecules</i> , 2009 , 42, 8781-8793	5.5	23
88	Thermally Reversible Self-Assembly of Double-Hydrophilic Diblock Copolymers from Poly(N-isopropylacrylamide) and Dendronized Polymethacrylates. <i>Israel Journal of Chemistry</i> , 2009 , 49, 49-53	3.4	1
87	Suzuki polycondensation with a hairpin monomer. <i>Organic Letters</i> , 2009 , 11, 4112-5	6.2	19
86	Thermoresponsive Dendronized Polymers. <i>Macromolecules</i> , 2008 , 41, 3659-3667	5.5	140
85	Thermoresponsive dendronized polymers with tunable lower critical solution temperatures. <i>Chemical Communications</i> , 2008 , 5523-5	5.8	101
84	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	5.5	31
83	A set of homologous hetarylenediyne macrocycles by oxidative acetylene-acetylene coupling. <i>Organic Letters</i> , 2008 , 10, 2091-3	6.2	15
82	Efficient Synthesis of First- and Second-Generation, Water-Soluble Dendronized Polymers. <i>Macromolecules</i> , 2008 , 41, 43-49	5.5	36
81	Functional Columnar Liquid Crystalline Phases From Ionic Complexes of Dendronized Polymers and Sulfate Alkyl Tails. <i>Macromolecular Symposia</i> , 2008 , 270, 58-64	0.8	8
80	Dendronized Polymers via Macromonomer Route in Supercritical Carbon Dioxide. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1609-1613	4.8	14

79	Polyarylene Synthesis by Suzuki Polycondensation of Aryl Dichlorides and an Aryl Diboronic Acid Ester. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1661-1665	4.8	22
78	Towards a fully conjugated, double-stranded cycle: a mass spectrometric and theoretical study. <i>Chemistry - A European Journal</i> , 2008 , 14, 1628-37	4.8	23
77	A rigid, chiral, dendronized polymer with a thermally stable, right-handed helical conformation. <i>Chemistry - A European Journal</i> , 2008 , 14, 6924-34	4.8	47
76	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, 10797-807	4.8	17
75	Shape-persistent macrocycles functionalised with coumarin dyes: acid-controlled energy- and electron-transfer processes. <i>Chemistry - A European Journal</i> , 2008 , 14, 10772-81	4.8	11
74	Iron(II) Spin Transition Complexes with Dendritic Ligands, Part I. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1613-1622	2.3	13
73	Self-Folding of Charged Single Dendronized Polymers. <i>Advanced Materials</i> , 2008 , 20, 3204-3210	24	30
72	Double-stranded cycles: toward C ₈₄ 's belt region. <i>Journal of Organic Chemistry</i> , 2007 , 72, 424-30	4.2	28
71	Synthesis of Thermally Switchable Poly(N-isopropylacrylamide-block-dendronized methacrylate)s. <i>Macromolecules</i> , 2007 , 40, 220-227	5.5	32
70	Comblike Liquid-Crystalline Polymers from Ionic Complexation of Dendronized Polymers and Lipids. <i>Macromolecules</i> , 2007 , 40, 2822-2830	5.5	48
69	Suzuki polycondensation put to work: a tough poly(meta-phenylene) with a high glass-transition temperature. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4956-9	16.4	49
68	Exploring the Chemistry of a Double-Stranded Cycle with the Carbon Skeleton of the Belt Region of the C ₈₄ Fullerene. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 88-100	3.2	22
67	Shape-Persistent Macrocycles: A Synthetic Strategy that Combines Easy and Site-Specific Decorations with Improved Cyclization Efficiency. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2700-2712	3.2	28
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