

Laurent Bouteiller

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.

163 papers	4,814 citations	39 h-index	62 g-index
175 ext. papers	5,317 ext. citations	6.1 avg, IF	5.72 L-index

#	Paper	IF	Citations
163	Asymmetric hydroamination with far fewer chiral species than copper centers achieved by tuning the structure of supramolecular helical catalysts. <i>Catalysis Science and Technology</i> , 2022 , 12, 834-842	5.5	1
162	Size-dependent compression of threaded alkylidiphosphate in head to head cyclodextrin [3]pseudorotaxanes.. <i>Chemical Science</i> , 2022 , 13, 2218-2225	9.4	0
161	Supramolecular Helical Catalysts 2022 , 93-106		
160	Energetics of Competing Chiral Supramolecular Polymers. <i>Chemistry - A European Journal</i> , 2021 , 27, 9627-9633	4.8	1
159	Unexpected thermo-responsiveness of bisurea-functionalized hydrophilic polymers in water. <i>Journal of Colloid and Interface Science</i> , 2021 , 581, 874-883	9.3	3
158	Dissecting the Role of the Sergeants in Supramolecular Helical Catalysts: From Chain Capping to Intercalation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4183-4191	16.4	6
157	Tuning the Organogelating and Spectroscopic Properties of a C-Symmetric Pyrene-Based Gelator through Charge Transfer. <i>Chemistry - A European Journal</i> , 2021 , 27, 2410-2420	4.8	3
156	Dissecting the Role of the Sergeants in Supramolecular Helical Catalysts: From Chain Capping to Intercalation. <i>Angewandte Chemie</i> , 2021 , 133, 4229-4237	3.6	2
155	Macromolecular Additives to Turn a Thermoplastic Elastomer into a Self-Healing Material. <i>Macromolecules</i> , 2021 , 54, 888-895	5.5	8
154	Colored Janus Nanocylinders Driven by Supramolecular Coassembly of Donor and Acceptor Building Blocks. <i>ACS Nano</i> , 2021 , 15, 2569-2577	16.7	5
153	Stabilization of Supramolecular Polymer Phase at High Pressures.. <i>ACS Macro Letters</i> , 2021 , 10, 321-326	6.6	0
152	Cyclometallated Pt(II) Complexes Containing a Functionalized Bis-Urea Alkynyl Ligand: Probing Aggregation Mediated by Hydrogen Bonds versus Pt-Pt and π - π Interactions. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3622-3631	2.3	0
151	Experimental and computational diagnosis of the fluxional nature of a benzene-1,3,5-tricarboxamide-based hydrogen-bonded dimer. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 5207-5221	3.6	5
150	Unravelling the formation of BAB block copolymer assemblies during PISA in water. <i>Polymer Chemistry</i> , 2020 , 11, 4568-4578	4.9	4
149	Emergence of Homochiral Benzene-1,3,5-tricarboxamide Helical Assemblies and Catalysts upon Addition of an Achiral Monomer. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5676-5688	16.4	25
148	Crucial Role of the Spacer in Tuning the Length of Self-Assembled Nanorods. <i>Macromolecules</i> , 2020 , 53, 427-433	5.5	4
147	Linear and nonlinear viscoelastic properties of segmented silicone-urea copolymers: Influence of the hard segment structure. <i>Polymer</i> , 2020 , 186, 122041	3.9	2

146	Straightforward preparation of supramolecular Janus nanorods by hydrogen bonding of end-functionalized polymers. <i>Nature Communications</i> , 2020 , 11, 4760	17.4	4
145	Modulation of catalyst enantioselectivity through reversible assembly of supramolecular helices. <i>Chemical Communications</i> , 2019 , 55, 2162-2165	5.8	20
144	Extra hydrogen bonding interactions by peripheral indole groups stabilize benzene-1,3,5-tricarboxamide helical assemblies. <i>Chemical Communications</i> , 2019 , 55, 8548-8551	5.8	3
143	Organogel Formation Rationalized by Hansen Solubility Parameters: Shift of the Gelation Sphere with the Gelator Structure. <i>Langmuir</i> , 2019 , 35, 7970-7977	4	8
142	N-Substituted Benzene-1-Urea-3,5-Biscarboxamide (BUBA): Easily Accessible C-Symmetric Monomers for the Construction of Reversible and Chirally Amplified Helical Assemblies. <i>Chemistry - A European Journal</i> , 2019 , 25, 10650-10661	4.8	4
141	Bulkiness as a design element to increase the rigidity and macrodipole of supramolecular polymers. <i>Journal of Molecular Liquids</i> , 2019 , 286, 110937	6	
140	Polymerization of Cyclic Carbamates: A Practical Route to Aliphatic Polyurethanes. <i>Macromolecules</i> , 2019 , 52, 2719-2724	5.5	15
139	Beyond Simple AB Diblock Copolymers: Application of Bifunctional and Trifunctional RAFT Agents to PISA in Water. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800315	4.8	27
138	Catalysts Supported by Homochiral Molecular Helices: A New Concept to Implement Asymmetric Amplification in Catalytic Science. <i>ChemCatChem</i> , 2019 , 11, 5212-5226	5.2	22
137	A Competing Hydrogen Bonding Pattern to Yield a Thermo-Thickening Supramolecular Polymer. <i>Angewandte Chemie</i> , 2019 , 131, 13987-13991	3.6	2
136	A Competing Hydrogen Bonding Pattern to Yield a Thermo-Thickening Supramolecular Polymer. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13849-13853	16.4	12
135	Interactions of Organosilanes with Fibrinogen and Their Influence on Muscle Cell Proliferation in 3D Fibrin Hydrogels. <i>Biomacromolecules</i> , 2019 , 20, 3684-3695	6.9	2
134	Nonmonotonic Stress Relaxation after Cessation of Steady Shear Flow in Supramolecular Assemblies. <i>Physical Review Letters</i> , 2019 , 123, 218003	7.4	8
133	Oligo-Urea with No Alkylene Unit Self-Assembles into Rod-Like Objects in Water. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800698	4.8	11
132	Templated PISA: Driving Polymerization-Induced Self-Assembly towards Fibre Morphology. <i>Angewandte Chemie</i> , 2019 , 131, 3205-3209	3.6	18
131	Templated PISA: Driving Polymerization-Induced Self-Assembly towards Fibre Morphology. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3173-3177	16.4	56
130	Bridging β -Cyclodextrin Prevents Self-Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7753-7758	16.4	25
129	Bisurea-Functionalized RAFT Agent: A Straightforward and Versatile Tool toward the Preparation of Supramolecular Cylindrical Nanostructures in Water. <i>Macromolecules</i> , 2018 , 51, 10214-10222	5.5	16

128	Effect of the Strength of Stickers on Rheology and Adhesion of Supramolecular Center-Functionalized Polyisobutenes. <i>Langmuir</i> , 2018 , 34, 12625-12634	4	5
127	Organogel formation rationalized by Hansen solubility parameters: improved methodology. <i>Soft Matter</i> , 2018 , 14, 4805-4809	3.6	14
126	Bridging β -Cyclodextrin Prevents Self-Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. <i>Angewandte Chemie</i> , 2018 , 130, 7879-7884	3.6	9
125	Water-based acrylic coatings reinforced by PISA-derived fibers. <i>Polymer Chemistry</i> , 2017 , 8, 4992-4995	4.9	33
124	Mechanical properties of nanostructured films with an ultralow volume fraction of hard phase. <i>Polymer</i> , 2017 , 109, 187-196	3.9	23
123	Humidity affects the viscoelastic properties of supramolecular living polymers. <i>Journal of Rheology</i> , 2017 , 61, 1173-1182	4.1	22
122	Effects of multifunctional cross-linkers on rheology and adhesion of soft nanostructured materials. <i>Soft Matter</i> , 2017 , 13, 7979-7990	3.6	7
121	Unexpected Solvent Influence on the Rheology of Supramolecular Polymers. <i>Macromolecules</i> , 2017 , 50, 6631-6636	5.5	9
120	Real-Time Control of the Enantioselectivity of a Supramolecular Catalyst Allows Selecting the Configuration of Consecutively Formed Stereogenic Centers. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14016-14019	16.4	35
119	Real-Time Control of the Enantioselectivity of a Supramolecular Catalyst Allows Selecting the Configuration of Consecutively Formed Stereogenic Centers. <i>Angewandte Chemie</i> , 2017 , 129, 14204-14207	3.6	15
118	Probing halogen-halogen interactions in solution. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 32443-32450	3.45	9
117	Charge Effect on the Formation of Polyoxometalate-Based Supramolecular Polygons Driven by Metal Coordination. <i>Inorganic Chemistry</i> , 2017 , 56, 8490-8496	5.1	16
116	Patchy Supramolecular Bottle-Brushes Formed by Solution Self-Assembly of Bis(urea)s and Tris(urea)s Decorated by Two Incompatible Polymer Arms. <i>Langmuir</i> , 2016 , 32, 8900-8	4	10
115	Adhesion and non-linear rheology of adhesives with supramolecular crosslinking points. <i>Soft Matter</i> , 2016 , 12, 7174-85	3.6	14
114	Combined Effect of Chain Extension and Supramolecular Interactions on Rheological and Adhesive Properties of Acrylic Pressure-Sensitive Adhesives. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33307-33315	9.5	23
113	Tuning the structure of 1,3,5-benzene tricarboxamide self-assemblies through stereochemistry. <i>Chemical Communications</i> , 2016 , 52, 13369-13372	5.8	16
112	Induced Circular Dichroism in Phosphine Gold(I) Aryl Acetylide Urea Complexes through Hydrogen-Bonded Chiral Co-Assemblies. <i>Chemistry - A European Journal</i> , 2016 , 22, 3985-90	4.8	7
111	Bisurea-based supramolecular polymers: From structure to properties11Dedicated to Professor Jean-Pierre Vairon on the occasion of his 78th birthday.. <i>Comptes Rendus Chimie</i> , 2016 , 19, 148-156	2.7	36

110	Correlation between the Selectivity and the Structure of an Asymmetric Catalyst Built on a Chirally Amplified Supramolecular Helical Scaffold. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4908-16	16.4	73
109	Rational Design of Urea-Based Two-Component Organogelators. <i>ACS Macro Letters</i> , 2016 , 5, 244-247	6.6	19
108	Two-Component Self-Assemblies: Investigation of a Synergy between Bisurea Stickers. <i>Langmuir</i> , 2016 , 32, 11664-11671	4	7
107	Tuning the nature and stability of self-assemblies formed by ester benzene 1,3,5-tricarboxamides: the crucial role played by the substituents. <i>Soft Matter</i> , 2016 , 12, 7824-7838	3.6	32
106	Organogel formation rationalized by Hansen solubility parameters: influence of gelator structure. <i>Soft Matter</i> , 2015 , 11, 2308-12	3.6	24
105	Electrical conductivity studies for hydrogen-bonded supramolecular polymer formed by dialkylurea in non-polar solvent. <i>Electrochimica Acta</i> , 2015 , 170, 321-327	6.7	3
104	Revisiting the assembly of amino ester-based benzene-1,3,5-tricarboxamides: chiral rods in solution. <i>Chemical Communications</i> , 2015 , 51, 7397-400	5.8	34
103	Linear Rheology of Supramolecular Polymers Center-Functionalized with Strong Stickers. <i>Macromolecules</i> , 2015 , 48, 7320-7326	5.5	46
102	Hierarchical Structure of Supramolecular Polymers Formed by N,N-Di(2-ethylhexyl)urea in Solutions. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12947-53	3.4	7
101	Structural Control of Bisurea-Based Supramolecular Polymers: Influence of an Ester Moiety. <i>Langmuir</i> , 2015 , 31, 11443-51	4	10
100	Consequences of a Single Double Bond within a Side Group on the Ordering of Supramolecular Polymers. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 22596-22603	3.8	3
99	Microstructure and Self-Assembly of Supramolecular Polymers Center-Functionalized with Strong Stickers. <i>Macromolecules</i> , 2015 , 48, 8232-8239	5.5	22
98	Linear rheology of bis-urea functionalized supramolecular poly(butylacrylate)s: Part I Weak stickers. <i>Polymer</i> , 2015 , 69, 233-240	3.9	43
97	Self-Assembly and Critical Solubility Temperature of Supramolecular Polystyrene Bottle-Brushes in Cyclohexane. <i>Macromolecules</i> , 2015 , 48, 1364-1370	5.5	14
96	Solid-state hierarchical cyclodextrin-based supramolecular polymer constructed by primary, secondary, and tertiary azido interactions. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7238-42	16.4	12
95	Direct probing of the free-energy penalty for helix reversals and chiral mismatches in chiral supramolecular polymers. <i>Langmuir</i> , 2014 , 30, 4570-5	4	11
94	Versatile synthesis of reversible comb-shaped supramolecular polymers. <i>Polymer Chemistry</i> , 2014 , 5, 2496	4.9	14
93	Organogel formation rationalized by Hansen solubility parameters: dos and don'ts. <i>Soft Matter</i> , 2014 , 10, 3154-60	3.6	62

92	Cyclodextrin-adamantane conjugates, self-inclusion and aggregation versus supramolecular polymer formation. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 703-706	5.2	16
91	Orthohalogen substituents dramatically enhance hydrogen bonding of aromatic ureas in solution. <i>Chemical Communications</i> , 2014 , 50, 611-3	5.8	17
90	Compliance of the Stokes-Einstein model and breakdown of the Stokes-Einstein-Debye model for a urea-based supramolecular polymer of high viscosity. <i>Soft Matter</i> , 2014 , 10, 8457-63	3.6	15
89	Tunneling spectroscopy measurements on hydrogen-bonded supramolecular polymers. <i>Nanoscale</i> , 2014 , 6, 8250-6	7.7	3
88	Concentration Evolution of the Dielectric Response of Hydrogen-Bonded Supramolecular Polymers Formed by Dialkylurea in Non-Polar Medium. <i>Macromolecules</i> , 2014 , 47, 2464-2470	5.5	18
87	Large amplitude oscillatory shear of supramolecular materials. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2014 , 206, 40-56	2.7	16
86	High yield preparation of all-organic raspberry-like particles by heterocoagulation via hydrogen bonding interaction. <i>Polymer</i> , 2014 , 55, 3516-3524	3.9	18
85	Synthesis and characterization of a new photoinduced switchable β -cyclodextrin dimer. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 2874-85	2.5	12
84	Tunable asymmetric catalysis through ligand stacking in chiral rigid rods. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17687-90	16.4	70
83	Competition Between Steric Hindrance and Hydrogen Bonding in the Formation of Supramolecular Bottle Brush Polymers. <i>Macromolecules</i> , 2013 , 46, 7911-7919	5.5	48
82	Conformational plasticity of hydrogen bonded bis-urea supramolecular polymers. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 5379-86	3.4	26
81	Ab initio RAFT emulsion polymerization of butyl acrylate mediated by poly(acrylic acid) trithiocarbonate. <i>Polymer Chemistry</i> , 2013 , 4, 752-762	4.9	64
80	Interpretation of the Electric Impedance Spectra Recorded for Liquids in the Presence of Ionic and Displacement Currents. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 11974-11979	3.9	8
79	Fluorescent labeling of a bisurea-based supramolecular polymer. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 1958-66	3.4	6
78	Soft nanostructured films with an ultra-low volume fraction of percolating hard phase. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1524-9	4.8	40
77	Rheology 2012 ,		1
76	Controlling the nano-bio interface to build collagen-silica self-assembled networks. <i>Nanoscale</i> , 2012 , 4, 7127-34	7.7	37
75	Probing weak intermolecular interactions in self-assembled nanotubes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1363-6	16.4	22

74	Consequences of Varying Adsorption Strength and Adding Steric Hindrance on Self-Assembly of Supramolecular Polymers on Carbon Substrates. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21594-21600 ^{3.8}	7
73	Tuning the viscoelastic properties of bis(urea)-based supramolecular polymer solutions by adding cosolutes. <i>Langmuir</i> , 2012 , 28, 14531-9	4 10
72	Hydrogen bonded supramolecular polymers in protic solvents: role of multitopicity. <i>Polymer Chemistry</i> , 2012 , 3, 3093	4.9 17
71	Conformational control of hydrogen-bonded aromatic bis-ureas. <i>Langmuir</i> , 2012 , 28, 7535-41	4 20
70	Excess properties of the salol/lidocaine eutectic liquid mixture: Thermodynamic and spectroscopic investigations. <i>Fluid Phase Equilibria</i> , 2012 , 315, 107-112	2.5 5
69	Supramolecular design for polymer/titanium oxo-cluster hybrids: an open door to new organic/inorganic dynamers. <i>Polymer Chemistry</i> , 2011 , 2, 2785	4.9 8
68	Structural changes in liquid crystal polymer vesicles induced by temperature variation and magnetic fields. <i>Soft Matter</i> , 2011 , 7, 2613	3.6 20
67	Organogel formation rationalized by Hansen solubility parameters. <i>Chemical Communications</i> , 2011 , 47, 8271-3	5.8 140
66	Synthesis, characterization, and rheological properties of hybrid titanium star-shaped poly(n-butyl acrylate). <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2636-2644	2.5 9
65	Hydrogen bonded supramolecular polymers in moderately polar solvents. <i>Chemical Communications</i> , 2011 , 47, 10683-5	5.8 31
64	New hybrid core-shell star-like architectures made of poly(n-butyl acrylate) grown from well-defined titanium oxo-clusters. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4470	23
63	Host-Guest Modulation of the Micellization of a Tetrathiafulvalene-Functionalized Poly(N-isopropylacrylamide). <i>Macromolecules</i> , 2011 , 44, 6532-6538	5.5 32
62	Chain stopper engineering for hydrogen bonded supramolecular polymers. <i>Beilstein Journal of Organic Chemistry</i> , 2010 , 6, 869-75	2.5 15
61	Bis-urea-based supramolecular polymer: the first self-assembled drag reducer for hydrocarbon solvents. <i>Langmuir</i> , 2010 , 26, 1482-6	4 20
60	Self-Assembly in Solution of a Reversible Comb-Shaped Supramolecular Polymer. <i>Macromolecules</i> , 2010 , 43, 2529-2534	5.5 51
59	Supramolecular balance: using cooperativity to amplify weak interactions. <i>Journal of the American Chemical Society</i> , 2010 , 132, 16818-24	16.4 49
58	Molecular dynamics and entropy effects in hydrogen-bonded supramolecular polymer N,N'-di(2-methyl-2-pentylheptyl)urea dissolved in nonpolar medium. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 737-41	3.4 13
57	Supramolecular Soft Adhesive Materials. <i>Advanced Functional Materials</i> , 2010 , 20, 1803-1811	15.6 104

56	Chirality in dynamic supramolecular nanotubes induced by a chiral solvent. <i>Chemistry - A European Journal</i> , 2010 , 16, 173-7	4.8	61
55	Microporous polyacrylate matrix containing hydrogen bonded nanotubular assemblies. <i>Polymer</i> , 2010 , 51, 3360-3364	3.9	8
54	Tuning reversible supramolecular polymer properties through co-monomer addition. <i>Supramolecular Chemistry</i> , 2009 , 21, 416-421	1.8	16
53	Potential Supramolecular Cyclodextrin Dimers Using Nucleobase Pairs. <i>Synlett</i> , 2009 , 2009, 2875-2879	2.2	2
52	Rate of permeabilization of giant vesicles by amphiphilic polyacrylates compared to the adsorption of these polymers onto large vesicles and tethered lipid bilayers. <i>Langmuir</i> , 2009 , 25, 7506-13	4	20
51	Anions as efficient chain stoppers for hydrogen-bonded supramolecular polymers. <i>Langmuir</i> , 2009 , 25, 8404-7	4	39
50	The weak help the strong: low-molar-mass organogelators harden bitumen. <i>Langmuir</i> , 2009 , 25, 8400-3	4	26
49	PEGylated degradable composite nanoparticles based on mixtures of PEG-b-poly(Ebenzyl L-glutamate) and poly(Ebenzyl L-glutamate). <i>Bioconjugate Chemistry</i> , 2009 , 20, 1490-6	6.3	17
48	Engineering the cavity of self-assembled dynamic nanotubes. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 3360-4	3.4	19
47	Branched Substituents Generate Improved Supramolecular Ordering in Physisorbed Molecular Assemblies. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 4955-4959	3.8	10
46	Aqueous polysaccharide associations mediated by beta-cyclodextrin polymers. <i>Biomacromolecules</i> , 2008 , 9, 1434-42	6.9	53
45	Thermodynamic description of bis-urea self-assembly: competition between two supramolecular polymers. <i>Langmuir</i> , 2008 , 24, 14176-82	4	79
44	Structure and dynamics of a bisurea-based supramolecular polymer in n-dodecane. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 8459-65	3.4	51
43	Synthesis and ITC characterization of novel nanoparticles constituted by poly(gamma-benzyl L-glutamate)-beta-cyclodextrin. <i>Journal of Molecular Recognition</i> , 2008 , 21, 169-78	2.6	19
42	Both water- and organo-soluble supramolecular polymer stabilized by hydrogen-bonding and hydrophobic interactions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15601-5	16.4	141
41	Assembly via Hydrogen Bonds of Low Molar Mass Compounds into Supramolecular Polymers. <i>Advances in Polymer Science</i> , 2007 , 79-112	1.3	160
40	Rheological characterisation of bis-urea based viscoelastic solutions in an apolar solvent. <i>Journal of Colloid and Interface Science</i> , 2007 , 310, 624-9	9.3	37
39	Cooperative rearrangements leading to long range order in monolayers of supramolecular polymers. <i>Physical Review Letters</i> , 2007 , 99, 086103	7.4	30

38	Responsive hybrid self-assemblies in aqueous media. <i>Langmuir</i> , 2007 , 23, 147-58	4	66
37	Stable Dispersions of Highly Anisotropic Nanoparticles Formed by Cocrystallization of Enantiomeric Diblock Copolymers. <i>Macromolecules</i> , 2007 , 40, 4037-4042	5.5	59
36	Solvents with similar bulk properties induce distinct supramolecular architectures. <i>ChemPhysChem</i> , 2006 , 7, 816-9	3.2	57
35	Structural and Photoisomerization Cross Studies of Polar Photochromic Monomeric Glasses Forming Surface Relief Gratings. <i>Chemistry of Materials</i> , 2006 , 18, 1261-1267	9.6	90
34	Synthesis and MALDI-TOF analysis of dendritic-linear block copolymers of lactides: Influence of architecture on stereocomplexation. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6782-6789	2.5	8
33	Dielectric Relaxation in Hydrogen Bonded Urea-Based Supramolecular Polymer N,N'-di(2,2-dipentylheptyl)urea. <i>Acta Physica Polonica A</i> , 2006 , 110, 495-504	0.6	5
32	Evolution of multilevel order in supramolecular assemblies. <i>Physical Review Letters</i> , 2005 , 94, 066103	7.4	39
31	Attempt toward 1D Cross-Linked Thermoplastic Elastomers: Structure and Mechanical Properties of a New System. <i>Macromolecules</i> , 2005 , 38, 1752-1759	5.5	105
30	Dynamics of reversible supramolecular polymers: independent determination of the dependence of linear viscoelasticity on concentration and chain length by using chain stoppers. <i>Physical Chemistry Chemical Physics</i> , 2005 , 7, 2390-8	3.6	79
29	Chain Stopper-Assisted Characterization of Supramolecular Polymers. <i>Macromolecules</i> , 2005 , 38, 5283-5287	3.7	64
28	Thickness transition of a rigid supramolecular polymer. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8893-8	16.4	112
27	Polysiloxanes containing crosslinkable diacetylene units in the main chain. <i>Polymer International</i> , 2004 , 53, 191-197	3.3	7
26	Aqueous supramolecular polymer formed from an amphiphilic perylene derivative. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1718-21	16.4	78
25	Aqueous Supramolecular Polymer Formed from an Amphiphilic Perylene Derivative. <i>Angewandte Chemie</i> , 2004 , 116, 1750-1753	3.6	15
24	Selective synthesis of non-symmetrical bis-ureas and their self-assembly. <i>New Journal of Chemistry</i> , 2004 , 28, 1373	3.6	37
23	Isothermal titration calorimetry of supramolecular polymers. <i>Langmuir</i> , 2004 , 20, 6858-63	4	94
22	Influence of Preparation Conditions on the Self-Assembly by Stereocomplexation of Polylactide Containing Diblock Copolymers. <i>Macromolecules</i> , 2004 , 37, 3401-3406	5.5	28
21	Versatile synthesis of small NLO-active molecules forming amorphous materials with spontaneous second-order NLO response. <i>Journal of the American Chemical Society</i> , 2003 , 125, 15744-5	16.4	115

20	N,N-disubstituted ureas: influence of substituents on the formation of supramolecular polymers. <i>Chemistry - A European Journal</i> , 2003 , 9, 3008-14	4.8	98
19	Telechelic polydimethylsiloxanes with terminal acetylenic groups prepared by phase-transfer catalysis. <i>Polymer</i> , 2003 , 44, 6449-6455	3.9	15
18	Supramolecular association of acid-terminated polydimethylsiloxanes. IV. NMR investigation of hydrogen bonding interactions and apparent molecular weight in the bulk state. <i>Polymer</i> , 2003 , 44, 2295-2302	3.9	11
17	Highly cooperative formation of bis-urea based supramolecular polymers. <i>Journal of the American Chemical Society</i> , 2003 , 125, 13148-54	16.4	162
16	Brownian particles in supramolecular polymer solutions. <i>Physical Review E</i> , 2003 , 67, 051106	2.4	77
15	Gas barrier and adhesion of interpenetrating polymer networks based on poly(diurethane bismethacrylate) and different epoxyamine networks. <i>European Polymer Journal</i> , 2002 , 38, 2449-2458	5.2	10
14	Formation of Nanoparticles of Polylactide-Containing Diblock Copolymers: Is Stereocomplexation the Driving Force?. <i>Macromolecules</i> , 2002 , 35, 1484-1486	5.5	23
13	Structural and Rheological Study of a Bis-urea Based Reversible Polymer in an Apolar Solvent□ <i>Langmuir</i> , 2002 , 18, 7218-7222	4	126
12	Stable low molecular weight glasses based on mixtures of bisphenol-A and bispyridines. <i>Journal of Materials Chemistry</i> , 2002 , 12, 195-199		13
11	Supramolecular association of acid terminated polydimethylsiloxanes. 3. Viscosimetric study. <i>Polymer</i> , 2001 , 42, 8613-8619	3.9	17
10	Ring-opening polymerization in aqueous emulsion applied to the preparation of interpenetrating networks based on telechelic polysiloxanes. <i>Macromolecular Symposia</i> , 2000 , 153, 161-166	0.8	9
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7	Supramolecular Association of Acid-Terminated Poly(dimethylsiloxane)s. 2. Molecular Weight Distributions. <i>Macromolecules</i> , 2000 , 33, 8479-8487	5.5	39
6	Chirality in Some Liquid Crystalline Association Chain Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 332, 251-258		18
5	Supramolecular association of acid terminated polydimethylsiloxanes. <i>Polymer Bulletin</i> , 1997 , 39, 317-324	2.4	14
4	Polymer-dispersed liquid crystals: Preparation, operation and application. <i>Liquid Crystals</i> , 1996 , 21, 157-174	1.4	149
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