Bert Meijer

List of Publications by Year
in descending order

802 papers	87,915 citations	434 131 h-index	567 263 g-index
884 all docs	884 docs citations	884 times ranked	41814 citing authors

#	Article	IF	Citations
1	Two-dimensional charge transport in self-organized, high-mobility conjugated polymers. Nature, 1999, 401, 685-688.	13.7	4,364
2	Functional Supramolecular Polymers. Science, 2012, 335, 813-817.	6.0	3,065
3	About Supramolecular Assemblies of Ï€-Conjugated Systems. Chemical Reviews, 2005, 105, 1491-1546.	23.0	2,917
4	Supramolecular Polymers. Chemical Reviews, 2001, 101, 4071-4098.	23.0	2,805
5	About Dendrimers:Â Structure, Physical Properties, and Applications. Chemical Reviews, 1999, 99, 1665-1688.	23.0	2,277
6	Reversible Polymers Formed from Self-Complementary Monomers Using Quadruple Hydrogen Bonding. Science, 1997, 278, 1601-1604.	6.0	2,152
7	Supramolecular Polymerization. Chemical Reviews, 2009, 109, 5687-5754.	23.0	2,086
8	Supramolecular biomaterials. Nature Materials, 2016, 15, 13-26.	13.3	1,226
9	Encapsulation of Guest Molecules into a Dendritic Box. Science, 1994, 266, 1226-1229.	6.0	1,163
10	Dendrimers:. Journal of Controlled Release, 2000, 65, 133-148.	4.8	1,151
11	Probing the Solvent-Assisted Nucleation Pathway in Chemical Self-Assembly. Science, 2006, 313, 80-83.	6.0	822
12	Pathway complexity in supramolecular polymerization. Nature, 2012, 481, 492-496.	13.7	812
13	Amplification of Chirality in Dynamic Supramolecular Aggregates. Angewandte Chemie - International Edition, 2007, 46, 8948-8968.	7.2	738
14	Making waves in a photoactive polymer film. Nature, 2017, 546, 632-636.	13.7	738
15	Supramolecular electronics; nanowires from self-assembled Ï€-conjugated systems. Chemical Communications, 2005, , 3245.	2.2	735
16	Strong Dimerization of Ureidopyrimidones via Quadruple Hydrogen Bonding. Journal of the American Chemical Society, 1998, 120, 6761-6769.	6.6	731
17	From precision polymers to complex materials and systems. Nature Reviews Materials, 2016, 1, .	23.3	725
18	Supramolecular Polymer Materials: Chain Extension of Telechelic Polymers Using a Reactive Hydrogen-Bonding Synthon. Advanced Materials, 2000, 12, 874-878.	11.1	648

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19	Helical self-assembled polymers from cooperative stacking of hydrogen-bonded pairs. Nature, 2000, 407, 167-170.	13.7	647
20	Poly(propylene imine) Dendrimers: Large-Scale Synthesis by Hetereogeneously Catalyzed Hydrogenations. Angewandte Chemie International Edition in English, 1993, 32, 1308-1311.	4.4	608
21	Supramolecular polymers. Nature, 2008, 453, 171-173.	13.7	603
22	Mechanically induced chemiluminescence from polymers incorporating a 1,2-dioxetane unit in the main chain. Nature Chemistry, 2012, 4, 559-562.	6.6	567
23	Developments in the chemistry and band gap engineering of donorâ€“acceptor substituted conjugated polymers. Materials Science and Engineering Reports, 2001, 32, 1-40.	14.8	527
24	Tough Stimuli-Responsive Supramolecular Hydrogels with Hydrogen-Bonding Network Junctions. Journal of the American Chemical Society, 2014, 136, 6969-6977.	6.6	525
25	Stability and Lifetime of Quadruply Hydrogen Bonded 2-Ureido-4[1H]-pyrimidinone Dimers. Journal of the American Chemical Society, 2000, 122, 7487-7493.	6.6	501
26	Polystyrene-Dendrimer Amphiphilic Block Copolymers with a Generation-Dependent Aggregation. Science, 1995, 268, 1592-1595.	6.0	495
27	Insight into the Mechanisms of Cooperative Self-Assembly:â€‰ The â€œSergeants-and-Soldiersâ€•Principle of Chiral and Achiral C₃-Symmetrical Discotic Triamides. Journal of the American Chemical Society, 2008, 130, 606-611.	6.6	486
28	The Dendritic Box: Shape-Selective Liberation of Encapsulated Guests. Journal of the American Chemical Society, 1995, 117, 4417-4418.	6.6	481
29	How to Distinguish Isodesmic from Cooperative Supramolecular Polymerisation. Chemistry - A European Journal, 2010, 16, 362-367.	1.7	461
30	Circularly Polarized Electroluminescence from a Polymer Light-Emitting Diode. Journal of the American Chemical Society, 1997, 119, 9909-9910.	6.6	438
31	C3-Symmetrical Supramolecular Architectures:Â Fibers and Organic Gels from Discotic Trisamides and Trisureas. Journal of the American Chemical Society, 2002, 124, 14759-14769.	6.6	427
32	A modular and supramolecular approach to bioactive scaffolds for tissue engineering. Nature Materials, 2005, 4, 568-574.	13.3	410
33	Supramolecular pâ€™n-Heterojunctions by Co-Self-Organization of Oligo(p-phenylene Vinylene) and Perylene Bisimide Dyes. Journal of the American Chemical Society, 2004, 126, 10611-10618.	6.6	400
34	Single-Chain Folding of Polymers for Catalytic Systems in Water. Journal of the American Chemical Society, 2011, 133, 4742-4745.	6.6	393
35	Quadruple hydrogen bonded systems. Chemical Communications, 2003, , 5-16.	2.2	366
36	Trends, seasonal variability and dominant NO_x source derived from a ten year record of NO₂ measured from space. Journal of Geophysical Research, 2008, 113, .	3.3	352

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37	Sergeants-and-Soldiers Principle in Chiral Columnar Stacks of Disc-Shaped Molecules withC3 Symmetry. Angewandte Chemie International Edition in English, 1997, 36, 2648-2651.	4.4	345
38	Preparation and characterization of helical self-assembled nanofibers. Chemical Society Reviews, 2009, 38, 671-683.	18.7	340
39	Hierarchical Order in Supramolecular Assemblies of Hydrogen-Bonded Oligo(p-phenylene vinylene)s. Journal of the American Chemical Society, 2001, 123, 409-416.	6.6	339
40	White-Light Emitting Hydrogen-Bonded Supramolecular Copolymers Based on Ï€-Conjugated Oligomers. Journal of the American Chemical Society, 2009, 131, 833-843.	6.6	333
41	Amphiphilic Dendrimers as Building Blocks in Supramolecular Assemblies. Journal of the American Chemical Society, 1998, 120, 8199-8208.	6.6	323
42	From supramolecular polymers to multi-component biomaterials. Chemical Society Reviews, 2017, 46, 6621-6637.	18.7	311
43	Self-Complementarity Achieved through Quadruple Hydrogen Bonding. Angewandte Chemie - International Edition, 1998, 37, 75-78.	7.2	303
44	Synthesis, processing and material properties of conjugated polymers. Polymer, 1996, 37, 5017-5047.	1.8	294
45	Enhanced Contrast Ratios and Rapid Switching in Electrochromics Based on Poly(3,4-propylenedioxythiophene) Derivatives. Advanced Materials, 1999, 11, 1379-1382.	11.1	294
46	Photoinduced Electron Transfer in Hydrogen-Bonded Oligo(p-phenylene vinylene)â^'Perylene Bisimide Chiral Assemblies. Journal of the American Chemical Society, 2002, 124, 10252-10253.	6.6	292
47	Metastable Supramolecular Polymer Nanoparticles via Intramolecular Collapse of Single Polymer Chains. Journal of the American Chemical Society, 2009, 131, 6964-6966.	6.6	292
48	Synthesis, Characterization, and Guestâ^'Host Properties of Inverted Unimolecular Dendritic Micelles. Journal of the American Chemical Society, 1996, 118, 7398-7399.	6.6	282
49	Circular Dichroism and Circular Polarization of Photoluminescence of Highly Ordered Poly{3,4-di[(S)-2-methylbutoxy]thiophene}. Journal of the American Chemical Society, 1996, 118, 4908-4909.	6.6	279
50	â€œMajority-Rulesâ€•Operative in Chiral Columnar Stacks ofC3-Symmetrical Molecules. Journal of the American Chemical Society, 2005, 127, 5490-5494.	6.6	267
51	Model Transient Networks from Strongly Hydrogen-Bonded Polymers. Macromolecules, 2009, 42, 9072-9081.	2.2	263
52	A Fast pHâ€Switchable and Selfâ€Healing Supramolecular Hydrogel Carrier for Guided, Local Catheter Injection in the Infarcted Myocardium. Advanced Healthcare Materials, 2014, 3, 70-78.	3.9	261
53	Two-Dimensional Crystals of Poly(3-Alkyl- thiophene)s: Direct Visualization of Polymer Folds in Submolecular Resolution. Angewandte Chemie - International Edition, 2000, 39, 2679-2684.	7.2	257
54	Complementary Quadruple Hydrogen Bonding in Supramolecular Copolymers. Journal of the American Chemical Society, 2005, 127, 810-811.	6.6	247

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55	Hierarchical Formation of Supramolecular Transient Networks in Water: A Modular Injectable Delivery System. Advanced Materials, 2012, 24, 2703-2709.	11.1	247
56	Cooperative End-to-End and Lateral Hydrogen-Bonding Motifs in Supramolecular Thermoplastic Elastomers. Macromolecules, 2006, 39, 4265-4267.	2.2	246
57	Self-Assembly of Foldedm-Phenylene Ethynylene Oligomers into Helical Columns. Journal of the American Chemical Society, 2001, 123, 7978-7984.	6.6	244
58	Hydrogen-bonded supramolecular polymer networks. Journal of Polymer Science Part A, 1999, 37, 3657-3670.	2.5	241
59	Controlling Chemical Self-Assembly by Solvent-Dependent Dynamics. Journal of the American Chemical Society, 2012, 134, 13482-13491.	6.6	240
60	Supramolecular polymers at work. Materials Today, 2004, 7, 34-39.	8.3	238
61	Synthesis of n-Type Perylene Bisimide Derivatives and Their Orthogonal Self-Assembly with p-Type Oligo(p-phenylene vinylene)s. Journal of the American Chemical Society, 2004, 126, 10021-10027.	6.6	237
62	Pathway Complexity in Ï€-Conjugated Materials. Chemistry of Materials, 2014, 26, 576-586.	3.2	236
63	Probing Exchange Pathways in One-Dimensional Aggregates with Super-Resolution Microscopy. Science, 2014, 344, 491-495.	6.0	228
64	Control of Electronsâ€™ Spin Eliminates Hydrogen Peroxide Formation During Water Splitting. Journal of the American Chemical Society, 2017, 139, 2794-2798.	6.6	225
65	Hydrogen-Bonded Complexes of Diaminopyridines and Diaminotriazines:â€‰ Opposite Effect of Acylation on Complex Stabilities. Journal of Organic Chemistry, 1996, 61, 6371-6380.	1.7	224
66	Twist Sense Bias Induced by Chiral Side Chains in Helically Folded Oligomers. Angewandte Chemie - International Edition, 2000, 39, 228-230.	7.2	223
67	Supramolecular Polymers from Linear Telechelic Siloxanes with Quadruple-Hydrogen-Bonded Units. Macromolecules, 1999, 32, 2696-2705.	2.2	221
68	Pathway Selection in Peptide Amphiphile Assembly. Journal of the American Chemical Society, 2014, 136, 8540-8543.	6.6	221
69	Hierarchical Growth of Chiral Self-Assembled Structures in Protic Mediaâ€. Journal of the American Chemical Society, 2000, 122, 6175-6182.	6.6	215
70	Supramolecular Organization of Î±,Î±â€˜-Disubstituted Sexithiophenes. Journal of the American Chemical Society, 2002, 124, 1269-1275.	6.6	211
71	Transfer of Ï€-Conjugated Columnar Stacks from Solution to Surfaces. Journal of the American Chemical Society, 2003, 125, 15941-15949.	6.6	210
72	On the origin of optical activity in polythiophenes. Journal of Molecular Structure, 2000, 521, 285-301.	1.8	206

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73	Macroscopic Origin of Circular Dichroism Effects by Alignment of Selfâ€Assembled Fibers in Solution. Angewandte Chemie - International Edition, 2007, 46, 8203-8205.	7.2	206
74	Stereomutation in optically active regioregular polythiophenes. Advanced Materials, 1995, 7, 385-387.	11.1	205
75	Singleâ€Chain Polymeric Nanoparticles by Stepwise Folding. Angewandte Chemie - International Edition, 2011, 50, 5085-5089.	7.2	205
76	The Dynamics of Electronic Energy Transfer in Novel Multiporphyrin Functionalized Dendrimers:Â A Time-Resolved Fluorescence Anisotropy Study. Journal of Physical Chemistry B, 2000, 104, 2596-2606.	1.2	203
77	Coiled-Coil Gel Nanostructures of Oligo(p-phenylenevinylene)s: Gelation-Induced Helix Transition in a Higher-Order Supramolecular Self-Assembly of a Rigidï€-Conjugated System. Angewandte Chemie - International Edition, 2004, 43, 3422-3425.	7.2	202
78	The X-ray structure and MNDO calculations of Î±-terthienyl: A model for polythiophenes. Synthetic Metals, 1989, 30, 381-389.	2.1	198
79	Hierarchical formation of helical supramolecular polymers via stacking of hydrogen-bonded pairs in water. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4977-4982.	3.3	197
80	ï€-Conjugated Oligo-(p-phenylenevinylene) Rosettes and Their Tubular Self-Assembly. Angewandte Chemie - International Edition, 2004, 43, 74-78.	7.2	197
81	High Circular Polarization of Electroluminescence Achieved via Self-Assembly of a Light-Emitting Chiral Conjugated Polymer into Multidomain Cholesteric Films. ACS Nano, 2017, 11, 12713-12722.	7.3	197
82	Alternating Oligo(p-phenylene vinylene)â^'Perylene Bisimide Copolymers:Â Synthesis, Photophysics, and Photovoltaic Properties of a New Class of Donorâ^'Acceptor Materials. Journal of the American Chemical Society, 2003, 125, 8625-8638.	6.6	195
83	CHEMISTRY: Dendrimers at Work. Science, 2006, 313, 929-930.	6.0	194
84	Controlling the growth and shape of chiral supramolecular polymers in water. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17888-17893.	3.3	194
85	Polymers with Multiple Hydrogen-Bonded End Groups and Their Blends. Macromolecules, 2008, 41, 4694-4700.	2.2	192
86	Mastering the Photothermal Effect in Liquid Crystal Networks: A General Approach for Selfâ€Sustained Mechanical Oscillators. Advanced Materials, 2017, 29, 1606712.	11.1	191
87	About Oligothiophene Self-Assembly:â€‰ From Aggregation in Solution to Solid-State Nanostructures. Chemistry of Materials, 2004, 16, 4452-4466.	3.2	186
88	Consequences of Folding a Waterâ€Soluble Polymer Around an Organocatalyst. Angewandte Chemie - International Edition, 2013, 52, 2906-2910.	7.2	186
89	Theoretical models of nonlinear effects in two-component cooperative supramolecular copolymerizations. Nature Communications, 2011, 2, 509.	5.8	184
90	Orthogonal Self-Assembly in Folding Block Copolymers. Journal of the American Chemical Society, 2013, 135, 501-510.	6.6	184

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91	Electrospray Mass Spectrometry of Poly(propylene imine) Dendrimersâ€"The Issue of Dendritic Purity or Polydispersity. Chemistry - A European Journal, 1997, 3, 1489-1493.	1.7	183
92	On-chain defect emission in electroluminescent polyfluorenes. Applied Physics Letters, 2002, 80, 4489-4491.	1.5	179
93	Asymmetrically Substituted Benzeneâ€1,3,5â€tricarboxamides: Selfâ€Assembly and Oddâ€"Even Effects in the Solid State and in Dilute Solution. Chemistry - A European Journal, 2009, 15, 2071-2080.	1.7	178
94	Quantitative Understanding of the Energy Transfer between Fluorescent Proteins Connected via Flexible Peptide Linkers. Biochemistry, 2006, 45, 13183-13192.	1.2	177
95	Host-Guest Chemistry of Dendritic Molecules. Topics in Current Chemistry, 2000, , 131-182.	4.0	171
96	Chiroptical molecular switch. Journal of the American Chemical Society, 1991, 113, 5468-5470.	6.6	169
97	Steric Communication of Chiral Information Observed in Dendronized Polyacetylenes. Journal of the American Chemical Society, 2006, 128, 16365-16372.	6.6	166
98	Tuning the Extent of Chiral Amplification by Temperature in a Dynamic Supramolecular Polymer. Journal of the American Chemical Society, 2010, 132, 611-619.	6.6	165
99	Fluorescence from Azobenzene Functionalized Poly(propylene imine) Dendrimers in Self-Assembled Supramolecular Structures. Journal of the American Chemical Society, 2000, 122, 3445-3452.	6.6	164
100	Material marriage in electronics. Nature, 2002, 419, 353-354.	13.7	164
101	Supramolecular Polymerization: A Conceptual Expansion for Innovative Materials. Progress in Polymer Science, 2020, 105, 101250.	11.8	164
102	Aggregation of Ureido-Pyrimidinone Supramolecular Thermoplastic Elastomers into Nanofibers: A Kinetic Analysis. Macromolecules, 2011, 44, 6776-6784.	2.2	163
103	Dendrimers and magnetic resonance imaging. New Journal of Chemistry, 2007, 31, 1152.	1.4	162
104	Highly Fluorescent Crystalline and Liquid Crystalline Columnar Phases of Pyrene-Based Structures. Journal of Physical Chemistry B, 2006, 110, 7653-7659.	1.2	161
105	Substituted 2,2':5',2'':5'',2''':5''',2'''':5'''',2''''': 5''''',2'''''':5'''''',2''''''':5''''''',2'''''''':5'''''''',2''''''''':5''''''''',2'''''''''-undecithiophenes, the longest characterized oligothiophenes. Journal of the American Chemical Society, 1991, 113, 5887-5889.	6.6	160
106	Crystallineâ^'Crystalline Block Copolymers of Regioregular Poly(3-hexylthiophene) and Polyethylene by Ring-Opening Metathesis Polymerization. Journal of the American Chemical Society, 2005, 127, 12502-12503.	6.6	155
107	Energy Transfer in Supramolecular Assemblies of Oligo(p-phenylene vinylene)s Terminated Poly(propylene imine) Dendrimers. Journal of the American Chemical Society, 2000, 122, 4489-4495.	6.6	154
108	Control of Ambipolar Thin Film Architectures by Co-Self-Assembling Oligo(p-phenylenevinylene)s and Perylene Bisimides. Journal of the American Chemical Society, 2006, 128, 9535-9540.	6.6	154

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109	Investigation of Lipase-Catalyzed Ring-Opening Polymerizations of Lactones with Various Ring Sizes:Â Kinetic Evaluation. Macromolecules, 2006, 39, 5021-5027.	2.2	153
110	Chiral Amplification in Columns of Self-AssembledN,Nâ€²,Nâ€³-Tris((S)-3,7-dimethyloctyl)benzene-1,3,5-tricarboxamide in Dilute Solution. Chemistry Letters, 2000, 29, 292-293.	0.7	152
111	Properties and Morphology of Segmented Copoly(ether urea)s with Uniform Hard Segments. Macromolecules, 2006, 39, 772-783.	2.2	152
112	A Polystyreneâ^'Oligothiopheneâ^'Polystyrene Triblock Copolymer. Journal of the American Chemical Society, 1998, 120, 2798-2804.	6.6	150
113	Inversion of Optical Activity of Chiral Polythiophene Aggregates by a Change of Solvent. Macromolecules, 1998, 31, 6702-6704.	2.2	150
114	Principles of â€œMajority Rulesâ€•and â€œSergeants and Soldiersâ€•Applied to the Aggregation of Optically Active Polythiophenes:Â Evidence for a Multichain Phenomenon. Macromolecules, 1999, 32, 227-230.	2.2	150
115	The construction of supramolecular systems. Science, 2019, 363, 1396-1397.	6.0	150
116	Supramolecular polymerization in water harnessing both hydrophobic effects and hydrogen bond formation. Chemical Communications, 2013, 49, 1963.	2.2	148
117	Toward Controlling Folding in Synthetic Polymers: Fabricating and Characterizing Supramolecular Single-Chain Nanoparticles. Macromolecules, 2010, 43, 1430-1437.	2.2	147
118	Cooperativity Scale: A Structureâ€“Mechanism Correlation in the Self-Assembly of Benzene-1,3,5-tricarboxamides. Accounts of Chemical Research, 2017, 50, 1928-1936.	7.6	147
119	Band-Gap Engineering of Donor-Acceptor-Substituted ï€-Conjugated Polymers. Chemistry - A European Journal, 1998, 4, 1235-1243.	1.7	146
120	The Localization of Guests in Water-Soluble Oligoethyleneoxy-Modified Poly(propylene imine) Dendrimers. Angewandte Chemie - International Edition, 2000, 39, 1285-1288.	7.2	146
121	Supramolecular Polymers â€“ we've Come Full Circle. Israel Journal of Chemistry, 2020, 60, 33-47.	1.0	145
122	Chirality in Dendritic Architectures. Chemistry - A European Journal, 1997, 3, 1563-1570.	1.7	144
123	Molecular-Level Helical Stack of a Nucleotide-Appended Oligo(p-phenylenevinylene) Directed by Supramolecular Self-Assembly with a Complementary Oligonucleotide as a Template. Journal of the American Chemical Society, 2006, 128, 13298-13304.	6.6	144
124	Plasmonic Chiroptical Response of Silver Nanoparticles Interacting with Chiral Supramolecular Assemblies. Journal of the American Chemical Society, 2012, 134, 17807-17813.	6.6	144
125	Improving color purity and stability in a blue emitting polyfluorene by monomer purification. Journal of Materials Chemistry, 2003, 13, 2861.	6.7	143
126	Catalytically Active Single-Chain Polymeric Nanoparticles: Exploring Their Functions in Complex Biological Media. Journal of the American Chemical Society, 2018, 140, 3423-3433.	6.6	141

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127	Liquid-Crystalline Properties of Poly(propylene imine) Dendrimers Functionalized with Cyanobiphenyl Mesogens at the Periphery. Chemistry - A European Journal, 1998, 4, 2456-2466.	1.7	140
128	Highly Efficient and Tunable Filtering of Electrons' Spin by Supramolecular Chirality of Nanofiberâ€Based Materials. Advanced Materials, 2020, 32, e1904965.	11.1	139
129	Chiroptical Properties of Regioregular Chiral Polythiophenes. Molecular Crystals and Liquid Crystals, 1994, 256, 439-448.	0.3	138
130	Probing the Limits of the Majority-Rules Principle in a Dynamic Supramolecular Polymer. Journal of the American Chemical Society, 2010, 132, 620-626.	6.6	138
131	Chiral Amplification in the Transcription of Supramolecular Helicity into a Polymer Backbone. Angewandte Chemie - International Edition, 2005, 44, 2275-2279.	7.2	137
132	Synthesis and Energy-Transfer Properties of Hydrogen-Bonded Oligofluorenes. Journal of the American Chemical Society, 2005, 127, 11763-11768.	6.6	137
133	Synthesis of Glycodendrimers by Modification of Poly(propylene imine) Dendrimers. Chemistry - A European Journal, 1997, 3, 974-984.	1.7	135
134	Saturation of the hyperpolarizability of oligothiophenes. Physical Review Letters, 1990, 65, 2141-2144.	2.9	134
135	Noncovalently Functionalized Dendrimers as Recyclable Catalysts. Journal of the American Chemical Society, 2001, 123, 8453-8458.	6.6	134
136	Dilutionâ€Induced Selfâ€Assembly of Porphyrin Aggregates: A Consequence of Coupled Equilibria. Angewandte Chemie - International Edition, 2010, 49, 3939-3942.	7.2	134
137	Conformational Control in the Cyclization of Hydrogen-Bonded Supramolecular Polymers. Journal of the American Chemical Society, 2004, 126, 3801-3808.	6.6	133
138	Direct Visualization of Efficient Energy Transfer in Single Oligo(p-phenylene vinylene) Vesicles. Angewandte Chemie - International Edition, 2006, 45, 1232-1236.	7.2	133
139	ssDNA Templated Self-Assembly of Chromophores. Journal of the American Chemical Society, 2007, 129, 6078-6079.	6.6	132
140	A Synthetic â€œTour de Forceâ€: Wellâ€Defined Multivalent and Multimodal Dendritic Structures for Biomedical Applications. Angewandte Chemie - International Edition, 2011, 50, 102-112.	7.2	132
141	Extendedâ€Core Discotic Liquid Crystals Based on the Intramolecular Hâ€Bonding in Nâ€Acylated 2,2â€²â€Bipyridineâ€3,3â€²â€diamine Moieties. Chemistry - A European Journal, 1997, 3, 300-307.	1.7	131
142	Hexakis Porphyrinato Benzenes. A New Class of Porphyrin Arrays. Journal of the American Chemical Society, 1998, 120, 11054-11060.	6.6	131
143	Synthesis and Self-Assembly of Discrete Dimethylsiloxaneâ€“Lactic Acid Diblock Co-oligomers: The Dononacontamer and Its Shorter Homologues. Journal of the American Chemical Society, 2016, 138, 4210-4218.	6.6	131
144	Single chain polymeric nanoparticles as compartmentalised sensors for metal ions. Polymer Chemistry, 2012, 3, 3166.	1.9	130

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145	Future of Supramolecular Copolymers Unveiled by Reflecting on Covalent Copolymerization. Journal of the American Chemical Society, 2019, 141, 6110-6121.	6.6	130
146	Self-assembly of soft nanoparticles with tunable patchiness. Nature Nanotechnology, 2009, 4, 721-726.	15.6	129
147	Acid-Functionalized Amphiphiles, Derived from Polystyrene-Poly(propylene imine) Dendrimers, with a pH-Dependent Aggregation. Macromolecules, 1995, 28, 6689-6691.	2.2	128
148	Branched KLVFF Tetramers Strongly Potentiate Inhibition of Î²â€Amyloid Aggregation. ChemBioChem, 2007, 8, 1857-1864.	1.3	128
149	Poly(propylenimin)â€Dendrimere: Synthese in grÃ¶ÃŸerem MaÃŸstab durch heterogen katalysierte Hydrierungen. Angewandte Chemie, 1993, 105, 1370-1372.	1.6	127
150	The effect of isotopic substitution on the chirality of a self-assembled helix. Nature Chemistry, 2011, 3, 42-46.	6.6	127
151	Pathway Complexity in the Enantioselective Self-Assembly of Functional Carbonyl-Bridged Triarylamine Trisamides. Journal of the American Chemical Society, 2016, 138, 10539-10545.	6.6	127
152	Protonation Mechanism of Poly(propylene imine) Dendrimers and Some Associated Oligo Amines. Journal of the American Chemical Society, 1997, 119, 6512-6521.	6.6	126
153	Cooperative Dynamics in Duplexes of Stacked Hydrogen-Bonded Moieties. Journal of the American Chemical Society, 1999, 121, 9001-9007.	6.6	126
154	Programmable Supramolecular Polymerizations. Angewandte Chemie - International Edition, 2015, 54, 8334-8336.	7.2	126
155	Influence of Selectivity on the Supramolecular Polymerization of AB-Type Polymers Capable of Both AÂ·A and AÂ·B Interactions. Journal of the American Chemical Society, 2008, 130, 13755-13764.	6.6	125
156	Potential enthalpic energy of water in oils exploited to control supramolecular structure. Nature, 2018, 558, 100-103.	13.7	123
157	Competing Interactions in Hierarchical Porphyrin Self-Assembly Introduce Robustness in Pathway Complexity. Journal of the American Chemical Society, 2018, 140, 7810-7819.	6.6	123
158	A Selectivity-Driven Supramolecular Polymerization of an AB Monomer. Angewandte Chemie - International Edition, 2006, 45, 2072-2076.	7.2	122
159	Fluoreneâ€based materials and their supramolecular properties. Journal of Polymer Science Part A, 2009, 47, 4215-4233.	2.5	122
160	Microstructureâ€“mobility correlation in self-organised, conjugated polymer field-effect transistors. Synthetic Metals, 2000, 111-112, 129-132.	2.1	121
161	Supramolecular Biomaterials. A Modular Approach towards Tissue Engineering. Bulletin of the Chemical Society of Japan, 2007, 80, 2047-2073.	2.0	121
162	Super-resolution microscopy reveals structural diversity in molecular exchange among peptide amphiphile nanofibres. Nature Communications, 2016, 7, 11561.	5.8	121

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