Myongsoo Lee

List of Publications by Year in Descending Order

247 papers	11,440 citations	56 h-index	97 g-index
257 ext. papers	12,065 ext. citations	9.5 avg, IF	6.4 L-index

#	Paper	IF	Citations
247	Induction of 2D grid structure from amphiphilic pyrene assembly by charge transfer interaction. *Giant*, **2021**, 5, 100045	5.6	0
246	Switchable Aromatic Nanopore Structures: Functions and Applications. *Accounts of Chemical Research*, **2021**, 54, 2959-2968	24.3	8
245	Imparting multi-functionality to covalent organic framework nanoparticles by the dual-ligand assistant encapsulation strategy. *Nature Communications*, **2021**, 12, 4556	17.4	14
244	Self-division of 2-D sheets in aromatic macrocycle assembly. *Organic Chemistry Frontiers*, **2021**, 8, 3681-3685	5.2	0
243	Self-assembly of propeller-shaped amphiphilic molecules: control over the supramolecular morphology and photoproperties of their aggregates. *Soft Matter*, **2021**, 17, 6661-6668	3.6	0
242	Single-Layered Chiral Nanosheets with Dual Chiral Void Spaces for Highly Efficient Enantiomer Absorption. *Angewandte Chemie - International Edition*, **2020**, 59, 11355-11359	16.4	18
241	Self-Assembly of Tetraphenylethylene-Based Amphiphiles in Aqueous Methanol Solution into Two-Dimensional Chiral Sheets for Enantioselective Sorption. *ChemPlusChem*, **2020**, 85, 711-714	2.8	5
240	Supramolecular Tubule from Seesaw Shaped Amphiphile and Its Hierarchical Evolution into Sheet. *Chemistry - an Asian Journal*, **2020**, 15, 2470-2474	4.5	3
239	Impact of Positional Isomerism on Pathway Complexity in Aqueous Media. *Angewandte Chemie*, **2020**, 132, 5724-5731	3.6	8
238	Single-Layered Chiral Nanosheets with Dual Chiral Void Spaces for Highly Efficient Enantiomer Absorption. *Angewandte Chemie*, **2020**, 132, 11451-11455	3.6	6
237	Switching between Stacked Toroids and Helical Supramolecular Polymers in Aqueous Nanotubules. *Macromolecular Rapid Communications*, **2020**, 41, e2000138	4.8	8
236	Catalytically-active porous assembly with dynamic pulsating motion for efficient exchange of products and reagents. *Communications Chemistry*, **2020**, 3,	6.3	3
235	The relationship between molecular structure and supramolecular morphology in the self-assembly of rod-coil molecules with oligoether chains. *Soft Matter*, **2020**, 16, 2224-2229	3.6	3
234	Porous Nanosheet Assembly for Macrocyclization and Self-Release. *Journal of the American Chemical Society*, **2020**, 142, 1904-1910	16.4	13
233	Impact of Positional Isomerism on Pathway Complexity in Aqueous Media. *Angewandte Chemie - International Edition*, **2020**, 59, 5675-5682	16.4	29
232	Precisely Controlled Multidimensional Covalent Frameworks: Polymerization of Supramolecular Colloids. *Angewandte Chemie - International Edition*, **2020**, 59, 21525-21529	16.4	1
231	Precisely Controlled Multidimensional Covalent Frameworks: Polymerization of Supramolecular Colloids. *Angewandte Chemie*, **2020**, 132, 21709-21713	3.6	0

230	Asymmetric Transformation Driven by Confinement and Self-Release in Single-Layered Porous Nanosheets. *Angewandte Chemie - International Edition*, **2020**, 59, 22690-22696	16.4	11
229	Nanomechanical Properties of a Supramolecular Helix Stabilized by Non-Covalent Interactions. *Macromolecular Rapid Communications*, **2020**, 41, e2000453	4.8	2
228	Asymmetric Transformation Driven by Confinement and Self-Release in Single-Layered Porous Nanosheets. *Angewandte Chemie*, **2020**, 132, 22879-22885	3.6	5
227	Supramolecular Chiral 2D Materials and Emerging Functions. *Advanced Materials*, **2020**, 32, e1905669	24	44
226	Autonomous helical propagation of active toroids with mechanical action. *Nature Communications*, **2019**, 10, 1080	17.4	18
225	Substrate-Driven Transient Self-Assembly and Spontaneous Disassembly Directed by Chemical Reaction with Product Release. *Journal of the American Chemical Society*, **2019**, 141, 4182-4185	16.4	33
224	Supramolecular Nanopumps with Chiral Recognition for Moving Organic Pollutants from Water. *ACS Applied Materials & Interfaces*, **2019**, 11, 31220-31226	9.5	12
223	Fluorescence Turn-on Synthetic Lipid Rafts on Supramolecular Sheets and Hierarchical Concanavalin A Assembly. *Chemistry - an Asian Journal*, **2019**, 14, 952-957	4.5	2
222	Reversible helical polymerization of supramolecular toroidal objects. *Polymer Chemistry*, **2019**, 10, 6551-6554	4.5	4
221	Two-Dimensional Cationic Networks and Their Spherical Curvature with Tunable Opening-Closing. *Nano Letters*, **2019**, 19, 9131-9137	11.5	5
220	Assembly-disassembly switching of self-sorted nanotubules forming dynamic 2-D porous heterostructure. *Chemical Communications*, **2018**, 54, 3102-3105	5.8	18
219	Homochiral porous nanosheets for enantiomer sieving. *Nature Materials*, **2018**, 17, 599-604	27	60
218	Intelligent Mesoporous Materials for Selective Adsorption and Mechanical Release of Organic Pollutants from Water. *Advanced Materials*, **2018**, 30, e1800683	24	40
217	Collective helicity switching of a DNA-coat assembly. *Nature Nanotechnology*, **2017**, 12, 551-556	28.7	70
216	Helical peptide vesicles with chiral membranes as enantioselective nanoreactors. *Chemical Communications*, **2017**, 53, 10958-10961	5.8	14
215	Supramolecular Nanotubules as a Catalytic Regulator for Palladium Cations: Applications in Selective Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 11511-11514	16.4	36
214	Short Peptides Directing 1D Helical Arrays of Polyoxometalates with Controllable Pitches. *Chemistry - A European Journal*, **2017**, 23, 13510-13517	4.8	11
213	Supramolecular Nanotubules as a Catalytic Regulator for Palladium Cations: Applications in Selective Catalysis. *Angewandte Chemie*, **2017**, 129, 11669-11672	3.6	5

212	Construction of Supramolecular Assemblies from Self-Organization of Amphiphilic Molecular Isomers. *Chemistry - an Asian Journal*, **2016**, 11, 2265-70	4.5	7
211	Engineering the Ionic Self-Assembly of Polyoxometalates and Facial-Like Peptides. *Chemistry - A European Journal*, **2016**, 22, 15751-15759	4.8	11
210	Static and Dynamic Nanosheets from Selective Assembly of Geometric Macrocycle Isomers. *Angewandte Chemie*, **2016**, 128, 13316-13320	3.6	8
209	Static and Dynamic Nanosheets from Selective Assembly of Geometric Macrocycle Isomers. *Angewandte Chemie - International Edition*, **2016**, 55, 13122-13126	16.4	24
208	Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. *Angewandte Chemie*, **2016**, 128, 2428-2432	3.6	6
207	Heteropoly acids triggered self-assembly of cationic peptides into photo- and electro-chromic gels. *Soft Matter*, **2016**, 12, 5572-80	3.6	11
206	Switching of carbohydrate nanofibers for regulating cell proliferation. *Soft Matter*, **2016**, 12, 2846-50	3.6	6
205	A water-soluble metal-organic complex array as a multinuclear heterometallic peptide amphiphile that shows unconventional anion dependency in its self-assembly. *Chemical Communications*, **2016**, 52, 1579-81	5.8	8
204	Polyoxometalate-Driven Self-Assembly of Short Peptides into Multivalent Nanofibers with Enhanced Antibacterial Activity. *Angewandte Chemie*, **2016**, 128, 2638-2641	3.6	21
203	Polyoxometalate-Driven Self-Assembly of Short Peptides into Multivalent Nanofibers with Enhanced Antibacterial Activity. *Angewandte Chemie - International Edition*, **2016**, 55, 2592-5	16.4	96
202	Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. *Angewandte Chemie - International Edition*, **2016**, 55, 2382-6	16.4	35
201	Reversible, Short-Peptide Assembly for Controlled Capture and Selective Release of Enantiomers. *Journal of the American Chemical Society*, **2016**, 138, 5773-6	16.4	39
200	Self-Assembly of n-Shaped Rod–Coil Molecules into Thermoresponsive Nanoassemblies: Construction of Reversible Helical Nanofibers in Aqueous Environment. *Macromolecules*, **2016**, 49, 5912-5920	5.5	18
199	Supramolecular capsules from bilayer membrane scission driven by corannulene. *Chemistry - A European Journal*, **2015**, 21, 5736-40	4.8	17
198	Open-closed switching of synthetic tubular pores. *Nature Communications*, **2015**, 6, 8650	17.4	48
197	Synthesis and self-assembly of amphiphilic bent-shaped molecules based on dibenzo[a,c]phenazine and poly(ethylene oxide) units. *Polymer Chemistry*, **2015**, 6, 7395-7401	4.9	16
196	Ordered nanostructures from self-assembly of H-shaped coil–rod–coil molecules. *Journal of Polymer Science Part A*, **2015**, 53, 85-92	2.5	12
195	Self-Assembly of a Tripod Aromatic Rod into Stacked Planar Networks. *Chemistry - A European Journal*, **2015**, 21, 11836-42	4.8	6

194	Guest-driven inflation of self-assembled nanofibers through hollow channel formation. *Journal of the American Chemical Society*, **2014**, 136, 16152-5	16.4	36
193	Controlled Helicity of the Rigid-Flexible Molecular Assembly Triggered by Water Addition: From Nanocrystal to Liquid Crystal Gel and Aqueous Nanofibers. *Journal of Physical Chemistry C*, **2014**, 118, 8181-8186	3.8	15
192	Direct exfoliation of carbon allotropes with structural analogues of self-assembled nanostructures and their photovoltaic applications. *Chemical Communications*, **2014**, 50, 14851-4	5.8	4
191	Dynamic self-assembly of coordination polymers in aqueous solution. *Soft Matter*, **2014**, 10, 5231-42	3.6	63
190	Rod□Coil Block Molecules **2014**, 1-29		
189	Fabrication of artificial toroid nanostructures by modified □sheet peptides. *Chemical Communications*, **2013**, 49, 8238-40	5.8	11
188	Intelligent supramolecular assembly of aromatic block molecules in aqueous solution. *Nanoscale*, **2013**, 5, 7711-23	7.7	48
187	Stimuli-Responsive Nanostructures from Self-Assembly of Rigid□lexible Block Molecules **2013**, 17-53		1
186	Development of toroidal nanostructures by self-assembly: rational designs and applications. *Accounts of Chemical Research*, **2013**, 46, 2888-97	24.3	124
185	Protein-coated nanofibers for promotion of T cell activity. *Chemical Communications*, **2013**, 49, 3949-51	5.8	6
184	Supramolecular switching between flat sheets and helical tubules triggered by coordination interaction. *Journal of the American Chemical Society*, **2013**, 135, 2156-9	16.4	78
183	Supramolecular polymerization of spherical micelles triggered by donor□cceptor interactions. *Polymer Chemistry*, **2013**, 4, 268-271	4.9	11
182	From self-assembled toroids to dynamic nanotubules. *Polymer Chemistry*, **2013**, 4, 1300-1308	4.9	26
181	Switchable nanoporous sheets by the aqueous self-assembly of aromatic macrobicycles. *Angewandte Chemie - International Edition*, **2013**, 52, 6426-9	16.4	49
180	Supramolecular nanostructures from self-assembly of T-shaped rod building block oligomers. *Journal of Polymer Science Part A*, **2013**, 51, 5021-5028	2.5	21
179	Switchable Nanoporous Sheets by the Aqueous Self-Assembly of Aromatic Macrobicycles. *Angewandte Chemie*, **2013**, 125, 6554-6557	3.6	21
178	Chiral assemblies of achiral rigid-flexible molecules at the air/water interface induced by silver(I) coordination. *ChemPhysChem*, **2012**, 13, 578-82	3.2	4
177	Differential self-assembly behaviors of cyclic and linear peptides. *Biomacromolecules*, **2012**, 13, 1991-5	6.9	32

176	Directional assembly of -helical peptides induced by cyclization. *Journal of the American Chemical Society*, **2012**, 134, 20270-2	16.4	29
175	Pulsating tubules from noncovalent macrocycles. *Science*, **2012**, 337, 1521-6	33.3	250
174	Control of peptide assembly through directional interactions. *Chemical Communications*, **2012**, 48, 8481-3	5.8	29
173	Smart hydrogels from laterally-grafted peptide assembly. *Chemical Communications*, **2012**, 48, 8796-8	5.8	25
172	Multivalent nanofibers of a controlled length: regulation of bacterial cell agglutination. *Journal of the American Chemical Society*, **2012**, 134, 14722-5	16.4	56
171	Self-organization of bent rod molecules into hexagonally ordered vesicular columns. *Journal of the American Chemical Society*, **2012**, 134, 13871-80	16.4	30
170	Responsive nematic gels from the self-assembly of aqueous nanofibres. *Nature Communications*, **2011**, 2, 459	17.4	95
169	An amphiphilic pyrene sheet for selective functionalization of graphene. *Chemical Communications*, **2011**, 47, 8259-61	5.8	120
168	Designer nanorings with functional cavities from self-assembling -sheet peptides. *Chemistry - an Asian Journal*, **2011**, 6, 452-8	4.5	33
167	Toroidal nanostructures from self-assembly of block copolypeptides based on poly(L-arginine) and -sheet peptide. *Macromolecular Rapid Communications*, **2011**, 32, 191-6	4.8	23
166	Induction of supramolecular chirality in self-assembled nanofibers triggered by environmental change. *Journal of Materials Chemistry*, **2011**, 21, 15327		25
165	Water-supported organized structures based on wedge-shaped amphiphilic derivatives of dipyrrolyldiketone boron complexes. *Physical Chemistry Chemical Physics*, **2011**, 13, 3843-50	3.6	14
164	LangmuirBlodgett assembly of bent-shaped rigid amphiphiles into spiral rings. *Soft Matter*, **2011**, 7, 91-95	3.6	11
163	Toroidal -barrels from self-assembling -sheet peptides. *Journal of Materials Chemistry*, **2011**, 21, 11680		12
162	Responsive nanostructures from aqueous assembly of rigid-flexible block molecules. *Accounts of Chemical Research*, **2011**, 44, 72-82	24.3	333
161	High-water-content mouldable hydrogels by mixing clay and a dendritic molecular binder. *Nature*, **2010**, 463, 339-43	50.4	1309
160	Shape-directed assembly of a "macromolecular barb" into nanofibers: stereospecific cyclopolymerization of isopropylidene diallylmalonate. *Journal of the American Chemical Society*, **2010**, 132, 3292-4	16.4	38
159	Self-organized spiral columns in laterally grafted rods. *Chemical Communications*, **2010**, 46, 4896-8	5.8	10

158	Self-assembly of coordination polymers into multi-stranded nanofibers with tunable chirality. *Chemical Communications*, **2010**, 46, 1458-60	5.8	20
157	Mesoscale surface patterning of a laterally-grafted rod amphiphile: rings and fibers. *ChemPhysChem*, **2010**, 11, 706-12	3.2	4
156	Cyclic peptide facial amphiphile preprogrammed to self-assemble into bioactive peptide capsules. *Chemistry - A European Journal*, **2010**, 16, 5305-9	4.8	27
155	Self-Dissociating Tubules from Helical Stacking of Noncovalent Macrocycles. *Angewandte Chemie*, **2010**, 122, 8649-8653	3.6	17
154	Self-dissociating tubules from helical stacking of noncovalent macrocycles. *Angewandte Chemie - International Edition*, **2010**, 49, 8471-5	16.4	68
153	Interconversion of planar networks and vesicles triggered by temperature. *Macromolecular Rapid Communications*, **2010**, 31, 975-9	4.8	18
152	Synthesis of Aromatic Macrocyclic Amphiphiles and their Self-Assembling Behavior in Aqueous Solution. *Macromolecular Rapid Communications*, **2010**, 31, 980-5	4.8	3
151	Synthesis and self-assembly of rod-coil molecules with n-shaped rod building block. *Journal of Polymer Science Part A*, **2010**, 48, 1415-1422	2.5	19
150	Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod□Coil Molecules. *Angewandte Chemie*, **2009**, 121, 1692-1696	3.6	15
149	Stabilization of an □Helix by □Sheet-Mediated Self-Assembly of a Macrocyclic Peptide. *Angewandte Chemie*, **2009**, 121, 1629-1633	3.6	16
148	Molekulare Erkennung in selbstorganisierten integrierten Schaltkreisen: kontrollierte Verkleinerung. *Angewandte Chemie*, **2009**, 121, 3444-3446	3.6	
147	Reversible Scrolling of Two-Dimensional Sheets from the Self-Assembly of Laterally Grafted Amphiphilic Rods. *Angewandte Chemie*, **2009**, 121, 3711-3714	3.6	47
146	Solvent-assisted organized structures based on amphiphilic anion-responsive pi-conjugated systems. *Chemistry - A European Journal*, **2009**, 15, 3706-19	4.8	33
145	Stabilization of an alpha helix by beta-sheet-mediated self-assembly of a macrocyclic peptide. *Angewandte Chemie - International Edition*, **2009**, 48, 1601-5	16.4	63
144	Molecular recognition in self-assembled integrated circuits: getting smaller while under control. *Angewandte Chemie - International Edition*, **2009**, 48, 3394-6	16.4	5
143	Reversible scrolling of two-dimensional sheets from the self-assembly of laterally grafted amphiphilic rods. *Angewandte Chemie - International Edition*, **2009**, 48, 3657-60	16.4	117
142	Chiral assembly from achiral rod-coil molecules triggered by compression at the air-water interface. *Langmuir*, **2009**, 25, 5061-7	4	35
141	Reversible transformation of helical coils and straight rods in cylindrical assembly of elliptical macrocycles. *Journal of the American Chemical Society*, **2009**, 131, 17768-70	16.4	74

140	Channel structures from self-assembled hexameric macrocycles in laterally grafted bent rod molecules. *Journal of the American Chemical Society*, **2009**, 131, 17371-5	16.4	29
139	Tubular stacking of water-soluble toroids triggered by guest encapsulation. *Journal of the American Chemical Society*, **2009**, 131, 18242-3	16.4	74
138	Recent advances in functional supramolecular nanostructures assembled from bioactive building blocks. *Chemical Society Reviews*, **2009**, 38, 925-34	58.5	188
137	Aqueous nanofibers with switchable chirality formed of self-assembled dumbbell-shaped rod amphiphiles. *Chemical Communications*, **2009**, 6819-21	5.8	28
136	Solid-state scrolls from hierarchical self-assembly of T-shaped rod-coil molecules. *Angewandte Chemie - International Edition*, **2009**, 48, 1664-8	16.4	56
135	Aqueous self-assembly of aromatic rod building blocks. *Chemical Communications*, **2008**, 1043-54	5.8	241
134	Rod□coil block molecules: their aqueous self-assembly and biomaterials applications. *Journal of Materials Chemistry*, **2008**, 18, 2909		108
133	A cyclic RGD-coated peptide nanoribbon as a selective intracellular nanocarrier. *Organic and Biomolecular Chemistry*, **2008**, 6, 1944-8	3.9	24
132	Synthesis and self-assembly of propeller-shaped amphiphilic molecules. *Chemical Communications*, **2008**, 3061-3	5.8	12
131	Self-assembly of a peptide rod-coil: a polyproline rod and a cell-penetrating peptide Tat coil. *Chemical Communications*, **2008**, 1892-4	5.8	54
130	Nanostructures of □sheet peptides: steps towards bioactive functional materials. *Journal of Materials Chemistry*, **2008**, 18, 723-727		46
129	Bioactive molecular sheets from self-assembly of polymerizable peptides. *Chemical Communications*, **2008**, 4001-3	5.8	18
128	Molecular reorganization of paired assemblies of T-shaped rod-coil amphiphilic molecule at the air-water interface. *Langmuir*, **2008**, 24, 3930-6	4	22
127	Stepped strips from self-organization of oligo(p-phenylene) rods with lateral dendritic chains. *Journal of the American Chemical Society*, **2008**, 130, 14448-9	16.4	22
126	Toroid morphology by ABC-type amphiphilic rod-coil molecules at the air-water interface. *Langmuir*, **2008**, 24, 12340-6	4	20
125	Solution Behavior of Dendrimer-Coated Rodlike Coordination Polymers. *Macromolecules*, **2008**, 41, 6066-6072	5.9	22
124	Self-Assembled Nanofibers and Related Nanostructures from Molecular Rods **2008**, 69-106		
123	Self-assembly of supramolecular polymers into tunable helical structures. *Journal of Polymer Science Part A*, **2008**, 46, 1925-1935	2.5	69

122	Supramolecular helical columns from the self-assembly of chiral rods. *Chemistry - A European Journal*, **2008**, 14, 871-81	4.8	30
121	Folding of coordination polymers into double-stranded helical organization. *Chemistry - A European Journal*, **2008**, 14, 3883-8	4.8	34
120	Rigid-flexible block molecules based on a laterally extended aromatic segment: hierarchical assembly into single fibers, flat ribbons, and twisted ribbons. *Chemistry - A European Journal*, **2008**, 14, 6957-66	4.8	44
119	Interfacial organization of Y-shaped rod-coil molecules packed into cylindrical nanoarchitectures. *ChemPhysChem*, **2008**, 9, 1585-92	3.2	8
118	Supramolecular capsules with gated pores from an amphiphilic rod assembly. *Angewandte Chemie - International Edition*, **2008**, 47, 4662-6	16.4	110
117	Filamentous artificial virus from a self-assembled discrete nanoribbon. *Angewandte Chemie - International Edition*, **2008**, 47, 4525-8	16.4	79
116	Lateral association of cylindrical nanofibers into flat ribbons triggered by "molecular glue". *Angewandte Chemie - International Edition*, **2008**, 47, 6375-8	16.4	61
115	Supramolecular Capsules with Gated Pores from an Amphiphilic Rod Assembly. *Angewandte Chemie* , **2008**, 120, 4740-4744	3.6	30
114	Filamentous Artificial Virus from a Self-Assembled Discrete Nanoribbon. *Angewandte Chemie*, **2008**, 120, 4601-4604	3.6	35
113	Lateral Association of Cylindrical Nanofibers into Flat Ribbons Triggered by Molecular Glue *Angewandte Chemie*, **2008**, 120, 6475-6478	3.6	18
112	Liquid Crystalline Assembly of RodCoil Molecules **2007**, 63-98		43
111	Nanofibers from self-assembly of an aromatic facial amphiphile with oligo(ethylene oxide) dendrons. *Chemical Communications*, **2007**, 1801-3	5.8	27
110	Observation of an unprecedented body centered cubic micellar mesophase from rod-coil molecules. *Chemical Communications*, **2007**, 2920-2	5.8	8
109	Carbohydrate-coated supramolecular structures: transformation of nanofibers into spherical micelles triggered by guest encapsulation. *Journal of the American Chemical Society*, **2007**, 129, 4808-14	16.4	116
108	Two-dimensional assembly of rod amphiphiles into planar networks. *Journal of the American Chemical Society*, **2007**, 129, 6082-3	16.4	58
107	Dynamic extension-contraction motion in supramolecular springs. *Journal of the American Chemical Society*, **2007**, 129, 10994-5	16.4	114
106	Tunable Columnar Organization by Twisted Stacking of End-Capped Aromatic Rods. *Chemistry of Materials*, **2007**, 19, 6569-6574	9.6	16
105	Controlled Self-Assembly of Asymmetric Dumbbell-Shaped Rod Amphiphiles:Transition from Toroids to Planar Nets. *Macromolecules*, **2007**, 40, 8355-8360	5.5	75

104	Glycoconjugate nanoribbons from the self-assembly of carbohydrate-peptide block molecules for controllable bacterial cell cluster formation. *Biomacromolecules*, **2007**, 8, 1404-8	6.9	64
103	Cell-penetrating-peptide-coated nanoribbons for intracellular nanocarriers. *Angewandte Chemie - International Edition*, **2007**, 46, 3475-8	16.4	97
102	Self-assembly of T-shaped aromatic amphiphiles into stimulus-responsive nanofibers. *Angewandte Chemie - International Edition*, **2007**, 46, 6807-10	16.4	102
101	Controlled bioactive nanostructures from self-assembly of peptide building blocks. *Angewandte Chemie - International Edition*, **2007**, 46, 9011-4	16.4	78
100	Cell-Penetrating-Peptide-Coated Nanoribbons for Intracellular Nanocarriers. *Angewandte Chemie*, **2007**, 119, 3545-3548	3.6	28
99	Self-Assembly of T-Shaped Aromatic Amphiphiles into Stimulus-Responsive Nanofibers. *Angewandte Chemie*, **2007**, 119, 6931-6934	3.6	26
98	Controlled Bioactive Nanostructures from Self-Assembly of Peptide Building Blocks. *Angewandte Chemie*, **2007**, 119, 9169-9172	3.6	16
97	Tunable bacterial agglutination and motility inhibition by self-assembled glyco-nanoribbons. *Chemistry - an Asian Journal*, **2007**, 2, 1363-9	4.5	35
96	Self-assembled multivalent carbohydrate ligands. *Organic and Biomolecular Chemistry*, **2007**, 5, 401-5	3.9	49
95	Ordered nanostructures from the self-assembly of reactive coil-rod-coil molecules. *Angewandte Chemie - International Edition*, **2006**, 45, 650-3	16.4	39
94	Self-assembling molecular dumbbells: from nanohelices to nanocapsules triggered by guest intercalation. *Angewandte Chemie - International Edition*, **2006**, 45, 5304-7	16.4	96
93	Nanofibers with tunable stiffness from self-assembly of an amphiphilic wedge-coil molecule. *Angewandte Chemie - International Edition*, **2006**, 45, 7195-8	16.4	36
92	Chain Architecture Dependent 3-Dimensional Supramolecular Assembly of Rod-Coil Molecules with a Conjugated Hexa-p-phenylene Rod. *Macromolecular Rapid Communications*, **2006**, 27, 1684-1688	4.8	9
91	Ordered Nanostructures from the Self-Assembly of Reactive Coil□Rod□Coil Molecules. *Angewandte Chemie*, **2006**, 118, 666-669	3.6	4
90	Self-Assembling Molecular Dumbbells: From Nanohelices to Nanocapsules Triggered by Guest Intercalation. *Angewandte Chemie*, **2006**, 118, 5430-5433	3.6	39
89	Nanofibers with Tunable Stiffness from Self-Assembly of an Amphiphilic Wedge□Coil Molecule. *Angewandte Chemie*, **2006**, 118, 7353-7356	3.6	12
88	Tubular organization with coiled ribbon from amphiphilic rigid-flexible macrocycle. *Journal of the American Chemical Society*, **2006**, 128, 3484-5	16.4	106
87	Assembling of dense fluorescent supramolecular webs via self-propelled star-shaped aggregates. *Nano Letters*, **2006**, 6, 435-40	11.5	23

86	Nanorings from the self-assembly of amphiphilic molecular dumbbells. *Journal of the American Chemical Society*, **2006**, 128, 14022-3	16.4	117
85	Self-assembly of ABC coil-rod-coil triblock molecules with perforated lamellar mesophases. *Polymer* , **2006**, 47, 5275-5286	3.9	10
84	Tubular assembly of amphiphilic rigid macrocycle with flexible dendrons. *Chemical Communications*, **2005**, 1770-2	5.8	37
83	Organization of Rigid Wedge-Flexible Coil Block Copolymers into Liquid Crystalline Assembly. *Macromolecules*, **2005**, 38, 4226-4230	5.5	20
82	Helical nanofibers from aqueous self-assembly of an oligo(p-phenylene)-based molecular dumbbell. *Journal of the American Chemical Society*, **2005**, 127, 9668-9	16.4	116
81	3-D Organic nanostructures from self-assembly of branched aromatic rods. *Journal of Materials Chemistry*, **2005**, 15, 419		2
80	Structural inversion in 3-D hexagonal organization of coil-rod-coil molecule. *Chemical Communications*, **2005**, 1197-9	5.8	25
79	Three-Dimensional Supramolecular Organization of Molecular Rods Depending on Coil Cross Section in Rod-Coil Molecules. *Macromolecules*, **2005**, 38, 10261-10265	5.5	26
78	Helical Organization of m-Linked Rigid Polymers with Pendant Flexible Dendrons. *Macromolecules*, **2005**, 38, 2050-2052	5.5	17
77	Amphiphilic treelike rods at interfaces: layered stems and circular aggregation. *Langmuir*, **2005**, 21, 6392-8	4	28
76	Controlled self-assembly of carbohydrate conjugate rod-coil amphiphiles for supramolecular multivalent ligands. *Journal of the American Chemical Society*, **2005**, 127, 16333-7	16.4	195
75	Supramolecular reactor in an aqueous environment: aromatic cross Suzuki coupling reaction at room temperature. *Journal of Organic Chemistry*, **2005**, 70, 8956-62	4.2	43
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