Yoshinori Takashima

List of Publications by Year in Descending Order

158 papers	11,671 citations	50 h-index	107 g-index
176 ext. papers	12,830 ext. citations	7.7 avg, IF	6.65 L-index

#	Paper	IF	Citations
158	Behavior of supramolecular cross-links formed by host-guest interactions in hydrogels responding to water contents **2022**, 1, 100001		1
157	State- and water repellency-controllable molecular glass of pillar[5]arenes with fluoroalkyl groups by guest vapors.. *Chemical Science*, **2022**, 13, 4082-4087	9.4	0
156	Design of self-healing and self-restoring materials utilizing reversible and movable crosslinks. *NPG Asia Materials*, **2022**, 14,	10.3	2
155	One-Step Synthesis of Gelatin-Conjugated Supramolecular Hydrogels for Dynamic Regulation of Adhesion Contact and Morphology of Myoblasts. *ACS Applied Polymer Materials*, **2022**, 4, 2595-2603	4.3	0
154	Cellulose Nanofiber Composite Polymeric Materials with Reversible and Movable Cross-links and Evaluation of their Mechanical Properties. *ACS Applied Polymer Materials*, **2022**, 4, 403-412	4.3	1
153	Dynamics of the Topological Network Formed by Movable Crosslinks: Effect of Sliding Motion on Dielectric and Viscoelastic Relaxation Behavior. *Macromolecules*, **2021**, 54, 3321-3333	5.5	1
152	Material Adhesion through Direct Covalent Bond Formation Assisted by Noncovalent Interactions. *ACS Applied Polymer Materials*, **2021**, 3, 2189-2196	4.3	2
151	Mechano-Responsive Hydrogels Driven by the Dissociation of a Host-Guest Complex.. *ACS Macro Letters*, **2021**, 10, 971-977	6.6	2
150	Preparation and activity of ruthenium catalyst based on Ɛ-cyclodextrin for ring-opening metathesis polymerization. *Tetrahedron Letters*, **2021**, 63, 152712	2	0
149	Mechanical Properties with Respect to Water Content of Host–Guest Hydrogels. *Macromolecules*, **2021**, 54, 8067-8076	5.5	8
148	Biofunctional hydrogels based on host–guest interactions. *Polymer Journal*, **2020**, 52, 839-859	2.7	25
147	Redox-responsive supramolecular polymeric networks having double-threaded inclusion complexes. *Chemical Science*, **2020**, 11, 4322-4331	9.4	16
146	Supramolecular self-healing materials from non-covalent cross-linking host-guest interactions. *Chemical Communications*, **2020**, 56, 4381-4395	5.8	67
145	Self-Healing Thermoplastic Polyurethane Linked via Host-Guest Interactions. *Polymers*, **2020**, 12,	4.5	17
144	Bulk Copolymerization of Host–Guest Monomers with Liquid-Type Acrylamide Monomers for Supramolecular Materials Applications. *ACS Applied Polymer Materials*, **2020**, 2, 1553-1560	4.3	8
143	Citric Acid-Modified Cellulose-Based Tough and Self-Healable Composite Formed by Two Kinds of Noncovalent Bonding. *ACS Applied Polymer Materials*, **2020**, 2, 2274-2283	4.3	12
142	Palladium nanoparticle loaded Ɛ-cyclodextrin monolith as a flow reactor for concentration enrichment and conversion of pollutants based on molecular recognition. *Chemical Communications* , **2020**, 56, 14408-14411	5.8	4

141	X-ray crystal structures of □-cyclodextrin□5-hydroxypentanoic acid, □-cyclodextrin□5-hydroxypentanoic acid, □-cyclodextrin□ε-caprolactone, and □-cyclodextrin□ε-caprolactam inclusion complexes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2020**, 96, 93-99	1.7	0
140	Mechanical stimulation of single cells by reversible host-guest interactions in 3D microscaffolds. *Science Advances*, **2020**, 6,	14.3	24
139	Design and mechanical properties of supramolecular polymeric materials based on host□guest interactions: the relation between relaxation time and fracture energy. *Polymer Chemistry*, **2020**, 11, 6811-6820	4.9	9
138	Extremely Rapid Self-Healable and Recyclable Supramolecular Materials through Planetary Ball Milling and Host-Guest Interactions. *Advanced Materials*, **2020**, 32, e2002008	24	24
137	Supramolecular Biocomposite Hydrogels Formed by Cellulose and Host-Guest Polymers Assisted by Calcium Ion Complexes. *Biomacromolecules*, **2020**, 21, 3936-3944	6.9	4
136	Preparation of hydrophilic polymeric materials with movable cross-linkers and their mechanical property. *Polymer*, **2020**, 196, 122465	3.9	6
135	Supramolecular Elastomers with Movable Cross-Linkers Showing High Fracture Energy Based on Stress Dispersion. *Macromolecules*, **2019**, 52, 6953-6962	5.5	12
134	Self-Healing Alkyl Acrylate-Based Supramolecular Elastomers Cross-Linked via Host□Guest Interactions. *Macromolecules*, **2019**, 52, 2659-2668	5.5	52
133	Mechanical properties of supramolecular polymeric materials cross-linked by donor-acceptor interactions. *Chemical Communications*, **2019**, 55, 3809-3812	5.8	4
132	Preparation of Supramolecular Ionic Liquid Gels Based on Host□Guest Interactions and Their Swelling and Ionic Conductive Properties. *Macromolecules*, **2019**, 52, 2932-2938	5.5	14
131	Self-healing and shape-memory properties of polymeric materials cross-linked by hydrogen bonding and metal□ligand interactions. *Polymer Chemistry*, **2019**, 10, 4519-4523	4.9	21
130	Mechanical and self-recovery properties of supramolecular ionic liquid elastomers based on host-guest interactions and correlation with ionic liquid content.. *RSC Advances*, **2019**, 9, 22295-22301	3.7	6
129	Visible chiral discrimination via macroscopic selective assembly. *Communications Chemistry*, **2018**, 1,	6.3	17
128	Mechanical Properties of Supramolecular Polymeric Materials Formed by Cyclodextrins as Host Molecules and Cationic Alkyl Guest Molecules on the Polymer Side Chain. *Macromolecules*, **2018**, 51, 6318-6326	5.5	31
127	A Photoresponsive Polymeric Actuator Topologically Cross-Linked by Movable Units Based on a [2]Rotaxane. *Macromolecules*, **2018**, 51, 4688-4693	5.5	48
126	Solvent-Free Photoresponsive Artificial Muscles Rapidly Driven by Molecular Machines. *Journal of the American Chemical Society*, **2018**, 140, 17308-17315	16.4	107
125	Adhesion of Dissimilar Materials through Host-Guest Interactions and Its Re-adhesion Properties. *Chemistry Letters*, **2018**, 47, 1255-1257	1.7	6
124	Control of the threading ratio of cyclic molecules in polyrotaxanes consisting of poly(ethylene glycol) and □-cyclodextrins. *Chemical Communications*, **2018**, 54, 7066-7069	5.8	9

123	Formation of Inclusion Complexes of Poly(hexafluoropropyl ether)s with Cyclodextrins. *Chemistry Letters*, **2018**, 47, 322-325	1.7	3
122	Linear viscoelastic studies on a transient network formed by host–guest interaction. *Journal of Polymer Science, Part B: Polymer Physics*, **2018**, 56, 1109-1117	2.6	7
121	Functioning via host–guest interactions. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2017**, 87, 313-330	1.7	14
120	Stimuli-responsive polymeric materials functioning via host–guest interactions. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2017**, 88, 85-104	1.7	18
119	Multifunctional Stimuli-Responsive Supramolecular Materials with Stretching, Coloring, and Self-Healing Properties Functionalized via Host–Guest Interactions. *Macromolecules*, **2017**, 50, 4144-4150	5.5	82
118	Supramolecular Materials Cross-Linked by Host–Guest Inclusion Complexes: The Effect of Side Chain Molecules on Mechanical Properties. *Macromolecules*, **2017**, 50, 3254-3261	5.5	66
117	Dynamic Mechano-Regulation of Myoblast Cells on Supramolecular Hydrogels Cross-Linked by Reversible Host-Guest Interactions. *Scientific Reports*, **2017**, 7, 7660	4.9	34
116	Movable Cross-Linked Polymeric Materials from Bulk Polymerization of Reactive Polyrotaxane Cross-Linker with Acrylate Monomers. *Macromolecules*, **2017**, 50, 5695-5700	5.5	35
115	Supramolecular Polymeric Materials Containing Cyclodextrins. *Chemical and Pharmaceutical Bulletin* , **2017**, 65, 330-335	1.9	22
114	Direct Adhesion between Materials Using Noncovalent Bond and Covalent Bond. *Hyomen Kagaku*, **2017**, 38, 61-66		
113	Direct Adhesion of Dissimilar Materials Using Sonogashira Cross-coupling Reaction. *Chemistry Letters*, **2016**, 45, 1250-1252	1.7	8
112	Self-Healing Materials Formed by Cross-Linked Polyrotaxanes with Reversible Bonds. *CheM*, **2016**, 1, 766-775	16.2	90
111	Direct Adhesion Between Dissimilar Materials Using Covalent Bond Formation. *Journal of Japan Institute of Electronics Packaging*, **2016**, 19, 103-110	0.1	
110	Radical polymerization by a supramolecular catalyst: cyclodextrin with a RAFT reagent. *Beilstein Journal of Organic Chemistry*, **2016**, 12, 2495-2502	2.5	4
109	Fast response dry-type artificial molecular muscles with [c2]daisy chains. *Nature Chemistry*, **2016**, 8, 625-32	17.6	283
108	Highly Flexible, Tough, and Self-Healing Supramolecular Polymeric Materials Using Host-Guest Interaction. *Macromolecular Rapid Communications*, **2016**, 37, 86-92	4.8	171
107	Direct covalent bond formation between materials using copper(I)-catalyzed azide alkyne cycloaddition reactions. *RSC Advances*, **2015**, 5, 56130-56135	3.7	12
106	Manual control of catalytic reactions: Reactions by an apoenzyme gel and a cofactor gel. *Scientific Reports*, **2015**, 5, 16254	4.9	6

105	Formation of Redox-Responsive Supramolecular Polymeric Materials Based on Host-Guest Interaction at Polymer Side Chain. *Kobunshi Ronbunshu*, **2015**, 72, 573-581	0	
104	Adhesion Using the Covalent Bond Formation Reaction at the Soft Material Interface. *Kobunshi Ronbunshu*, **2015**, 72, 590-596	0	
103	Self-Healing, Expansion-Contraction, and Shape-Memory Properties of a Preorganized Supramolecular Hydrogel through Host-Guest Interactions. *Angewandte Chemie - International Edition*, **2015**, 54, 8984-7	16.4	379
102	Self-Healing, Expansion□Contraction, and Shape-Memory Properties of a Preorganized Supramolecular Hydrogel through Host□Guest Interactions. *Angewandte Chemie*, **2015**, 127, 9112-9115	3.6	42
101	Adhesion between Semihard Polymer Materials Containing Cyclodextrin and Adamantane Based on Host□Guest Interactions. *Macromolecules*, **2015**, 48, 732-738	5.5	68
100	Macroscopic self-assembly based on complementary interactions between nucleobase pairs. *Chemistry - A European Journal*, **2015**, 21, 2770-4	4.8	20
99	A macroscopic reaction: direct covalent bond formation between materials using a Suzuki-Miyaura cross-coupling reaction. *Scientific Reports*, **2014**, 4, 6348	4.9	12
98	pH- and Sugar-Responsive Gel Assemblies Based on Boronate-Catechol Interactions.. *ACS Macro Letters*, **2014**, 3, 337-340	6.6	72
97	Supramolecular polymeric materials via cyclodextrin-guest interactions. *Accounts of Chemical Research*, **2014**, 47, 2128-40	24.3	641
96	Redox-Responsive Macroscopic Gel Assembly Based on Discrete Dual Interactions. *Angewandte Chemie*, **2014**, 126, 3691-3695	3.6	19
95	A metal-ion-responsive adhesive material via switching of molecular recognition properties. *Nature Communications*, **2014**, 5, 4622	17.4	111
94	Supramolecular adhesives to hard surfaces: adhesion between host hydrogels and guest glass substrates through molecular recognition. *Macromolecular Rapid Communications*, **2014**, 35, 1646-52	4.8	51
93	Redox-responsive macroscopic gel assembly based on discrete dual interactions. *Angewandte Chemie - International Edition*, **2014**, 53, 3617-21	16.4	97
92	Polypropylene **2014**, 1-6		
91	Stimuli-responsive Supramolecular Gel Actuators. *Journal of the Japan Society for Precision Engineering*, **2014**, 80, 722-726	0.1	
90	Macromolecular recognition and macroscopic interactions by cyclodextrins. *Chemical Record*, **2013**, 13, 420-31	6.6	31
89	Ring-Opening Metathesis Polymerization by a Ru Phosphine Derivative of Cyclodextrin in Water.. *ACS Macro Letters*, **2013**, 2, 384-387	6.6	23
88	Redox-generated mechanical motion of a supramolecular polymeric actuator based on host-guest interactions. *Angewandte Chemie - International Edition*, **2013**, 52, 5731-5	16.4	175

87	Preorganized hydrogel: self-healing properties of supramolecular hydrogels formed by polymerization of host-guest-monomers that contain cyclodextrins and hydrophobic guest groups. *Advanced Materials*, **2013**, 25, 2849-53	24	448
86	Highly Elastic Supramolecular Hydrogels Using Host□Guest Inclusion Complexes with Cyclodextrins. *Macromolecules*, **2013**, 46, 4575-4579	5.5	89
85	Macroscopic Self-Assembly Based on Molecular Recognition: Effect of Linkage between Aromatics and the Polyacrylamide Gel Scaffold, Amide versus Ester. *Macromolecules*, **2013**, 46, 1939-1947	5.5	36
84	Redox-Generated Mechanical Motion of a Supramolecular Polymeric Actuator Based on Host□Guest Interactions. *Angewandte Chemie*, **2013**, 125, 5843-5847	3.6	22
83	Reversible self-assembly of gels through metal-ligand interactions. *Scientific Reports*, **2013**, 3,	4.9	46
82	Novel Ring-Opening Polymerization^|^mdash;Supramolecular Catalysts Using Cyclodextrins^|^mdash;. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2013**, 71, 503-514	0.2	
81	Temperature-Sensitive Macroscopic Assembly Based on Molecular Recognition. *ACS Macro Letters*, **2012**, 1, 1083-1085	6.6	51
80	Supramolecular hydrogels formed from poly(viologen) cross-linked with cyclodextrin dimers and their physical properties. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 1594-600	2.5	30
79	Cyclodextrin-Based Supramolecular Polymers **2012**, 29-50		4
78	Switching of macroscopic molecular recognition selectivity using a mixed solvent system. *Nature Communications*, **2012**, 3, 831	17.4	95
77	Emission properties of cyclodextrin dimers linked with perylene diimide□ffect of cyclodextrin tumbling. *Polymer Journal*, **2012**, 44, 278-285	2.7	19
76	Photoswitchable gel assembly based on molecular recognition. *Nature Communications*, **2012**, 3, 603	17.4	367
75	Polyrotaxanes **2012**,		1
74	Expansion-contraction of photoresponsive artificial muscle regulated by host-guest interactions. *Nature Communications*, **2012**, 3, 1270	17.4	522
73	Redox-responsive self-healing materials formed from host-guest polymers. *Nature Communications*, **2011**, 2, 511	17.4	1029
72	Double-threaded dimer and supramolecular oligomer formed by stilbene modified cyclodextrin: effect of acyl migration and photostimuli. *Journal of Organic Chemistry*, **2011**, 76, 492-9	4.2	20
71	Self-Assembly of Gels through Molecular Recognition of Cyclodextrins: Shape Selectivity for Linear and Cyclic Guest Molecules. *Macromolecules*, **2011**, 44, 2395-2399	5.5	68
70	Photoresponsive formation of pseudo[2]rotaxane with cyclodextrin derivatives. *Organic Letters*, **2011**, 13, 4356-9	6.2	26

69	pH Responsive [2]Rotaxanes with 6-Modified-β-Cyclodextrins. *Chemistry Letters*, **2011**, 40, 758-759	1.7	8
68	Supramolecular Spherical β-Cyclodextrin32-dendrimer: Inclusion Properties and Supramolecular Structure. *Chemistry Letters*, **2011**, 40, 742-743	1.7	2
67	Photocontrollable Supramolecular Materials Formed by Cyclodextrins and Azobenzene Polymers. *Kobunshi Ronbunshu*, **2011**, 68, 669-678	0	3
66	Macroscopic self-assembly through molecular recognition. *Nature Chemistry*, **2011**, 3, 34-7	17.6	614
65	Selective photoinduced energy transfer from a thiophene rotaxane to acceptor. *Organic Letters*, **2011**, 13, 672-5	6.2	22
64	Photochemically Controlled Supramolecular Curdlan/Single-Walled Carbon Nanotube Composite Gel: Preparation of Molecular Distaff by Cyclodextrin Modified Curdlan and Phase Transition Control. *European Journal of Organic Chemistry*, **2011**, 2011, 2801-2806	3.2	25
63	Artificial Molecular Clamp: A Novel Device for Synthetic Polymerases. *Angewandte Chemie*, **2011**, 123, 7666-7670	3.6	7
62	Artificial molecular clamp: a novel device for synthetic polymerases. *Angewandte Chemie - International Edition*, **2011**, 50, 7524-8	16.4	66
61	Macroscopic observations of molecular recognition: discrimination of the substituted position on the naphthyl group by polyacrylamide gel modified with β-cyclodextrin. *Langmuir*, **2011**, 27, 13790-5	4	39
60	Switching from altro-alpha-cyclodextrin dimer to pseudo[1]rotaxane dimer through tumbling. *Organic Letters*, **2010**, 12, 1284-6	6.2	46
59	Photocontrolled Size Changes of Doubly-threaded Dimer Based on an β-Cyclodextrin Derivative with Two Recognition Sites. *Chemistry Letters*, **2010**, 39, 242-243	1.7	11
58	A molecular reel: shuttling of a rotor by tumbling of a macrocycle. *Journal of Organic Chemistry*, **2010**, 75, 1040-6	4.2	50
57	Photoswitchable Supramolecular Hydrogels Formed by Cyclodextrins and Azobenzene Polymers. *Angewandte Chemie*, **2010**, 122, 7623-7626	3.6	90
56	Photoswitchable supramolecular hydrogels formed by cyclodextrins and azobenzene polymers. *Angewandte Chemie - International Edition*, **2010**, 49, 7461-4	16.4	369
55	Cyclodextrin-based supramolecular polymers. *Chemical Society Reviews*, **2009**, 38, 875-82	58.5	702
54	Face selective translation of a cyclodextrin ring along an axle. *Chemical Communications*, **2009**, 5515-7	5.8	27
53	Social self-sorting: alternating supramolecular oligomer consisting of isomers. *Journal of the American Chemical Society*, **2009**, 131, 12339-43	16.4	75
52	Nanospheres with polymerization ability coated by polyrotaxane. *Journal of Organic Chemistry*, **2009**, 74, 1858-63	4.2	17

51	Supramolecular assemblies of oligothiophene derivatives bearing □-cyclodextrin. *Synthetic Metals*, **2009**, 159, 977-981	3.6	4
50	Polymeric rotaxanes. *Chemical Reviews*, **2009**, 109, 5974-6023	68.1	739
49	Switching of polymerization activity of cinnamoyl-alpha-cyclodextrin. *Organic and Biomolecular Chemistry*, **2009**, 7, 1646-51	3.9	14
48	Relative rotational motion between alpha-Cyclodextrin Derivatives and a stiff axle molecule. *Journal of Organic Chemistry*, **2008**, 73, 2496-502	4.2	30
47	Formation of supramolecular isomers; poly[2]rotaxane and supramolecular assembly. *Chemical Communications*, **2008**, 456-8	5.8	36
46	Molecular puzzle ring: pseudo[1]rotaxane from a flexible cyclodextrin derivative. *Journal of the American Chemical Society*, **2008**, 130, 17062-9	16.4	38
45	Ring-opening polymerization of cyclic esters by cyclodextrins. *Accounts of Chemical Research*, **2008**, 41, 1143-52	24.3	55
44	Stereoselective Complex Formation between Polybutadiene and Cyclodextrins in Bulk. *Macromolecular Rapid Communications*, **2008**, 29, 910-913	4.8	11
43	Single-molecule imaging of rotaxanes immobilized on glass substrates: observation of rotary movement. *Angewandte Chemie - International Edition*, **2008**, 47, 6077-9	16.4	28
42	Branched supramolecular polymers formed by bifunctional cyclodextrin derivatives. *Tetrahedron*, **2008**, 64, 8355-8361	2.4	36
41	Construction of chemical-responsive supramolecular hydrogels from guest-modified cyclodextrins. *Chemistry - an Asian Journal*, **2008**, 3, 687-95	4.5	51
40	Switching between supramolecular dimer and nonthreaded supramolecular self-assembly of stilbene amide-alpha-cyclodextrin by photoirradiation. *Journal of the American Chemical Society*, **2008**, 130, 5024-5	16.4	79
39	Polymerization of Lactones Initiated by Cyclodextrins:□Effects of Cyclodextrins on the Initiation and Propagation Reactions. *Macromolecules*, **2007**, 40, 3154-3158	5.5	42
38	Contraction of supramolecular double-threaded dimer formed by alpha-cyclodextrin with a long alkyl chain. *Organic Letters*, **2007**, 9, 1053-5	6.2	37
37	Preparation and properties of rotaxanes formed by dimethyl-beta-cyclodextrin and oligo(thiophene)s with beta-cyclodextrin stoppers. *Journal of Organic Chemistry*, **2007**, 72, 459-65	4.2	55
36	An artificial molecular chaperone: poly-pseudo-rotaxane with an extensible axle. *Journal of the American Chemical Society*, **2007**, 129, 14452-7	16.4	49
35	Thermal and photochemical switching of conformation of poly(ethylene glycol)-substituted cyclodextrin with an azobenzene group at the chain end. *Journal of the American Chemical Society*, **2007**, 129, 6396-7	16.4	137
34	Self-Threading and Dethreading Dynamics of Poly(ethylene glycol)-Substituted Cyclodextrins with Different Chain Lengths. *Macromolecules*, **2007**, 40, 3256-3262	5.5	25

33	Chemically-responsive sol-gel transition of supramolecular single-walled carbon nanotubes (SWNTs) hydrogel made by hybrids of SWNTs and cyclodextrins. *Journal of the American Chemical Society*, **2007**, 129, 4878-9	16.4	237
32	External stimulus-responsive supramolecular structures formed by a stilbene cyclodextrin dimer. *Journal of the American Chemical Society*, **2007**, 129, 12630-1	16.4	143
31	Face-selective [2]- and [3]rotaxanes: kinetic control of the threading direction of cyclodextrins. *Chemistry - A European Journal*, **2007**, 13, 7091-8	4.8	47
30	A chemical-responsive supramolecular hydrogel from modified cyclodextrins. *Angewandte Chemie - International Edition*, **2007**, 46, 5144-7	16.4	161
29	Polymerization of Lactones and Lactides Initiated by Cyclodextrins. *Kobunshi Ronbunshu*, **2007**, 64, 607-616		6
28	Supramolecular Polymers Formed by Bifunctional Cyclodextrin Derivatives. *Chemistry Letters*, **2007**, 36, 828-829	1.7	12
27	Syntheses of group 4 transition metal complexes bearing 2-pyridinethiolate ligands and their catalytic activities for ethylene polymerization. *Polymer*, **2006**, 47, 5762-5774	3.9	9
26	Cyclodextrin-grafted poly(phenylene ethynylene) with chemically-responsive properties. *Chemical Communications*, **2006**, 3702-4	5.8	48
25	Selection between pinching-type and supramolecular polymer-type complexes by alpha-cyclodextrin-beta-cyclodextrin hetero-dimer and hetero-cinnamamide guest dimers. *Journal of Organic Chemistry*, **2006**, 71, 4878-83	4.2	26
24	Self-threading of a poly(ethylene glycol) chain in a cyclodextrin-ring: control of the exchange dynamics by chain length. *Journal of the American Chemical Society*, **2006**, 128, 8994-5	16.4	42
23	Formation of Chiral Supramolecular Polymer Based on Modified Cyclodextrin by Host-Guest Interactions. *Kobunshi Ronbunshu*, **2006**, 63, 306-314	0	
22	Polymer formation utilizing □risscross□addition (crisscross addition polymerization) of acetaldehyde azine and 1,4-phenylene diisocyanate. *Polymer*, **2006**, 47, 501-505	3.9	6
21	Spectroscopic study on the interaction of cyclodextrins with naphthyl groups attached to poly(acrylamide) backbone. *Journal of Photochemistry and Photobiology A: Chemistry*, **2006**, 179, 13-19	4.7	17
20	Cyclodextrin-Based Supramolecular Polymers. *Advances in Polymer Science*, **2006**, 1-43	1.3	121
19	Complex Formation of Cyclodextrins with Various Thiophenes and their Polymerization in Water: Preparation of Poly-pseudo-rotaxanes containing Poly(thiophene)s. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2006**, 56, 45-53		22
18	Kinetic control of threading of cyclodextrins onto axle molecules. *Journal of the American Chemical Society*, **2005**, 127, 12186-7	16.4	92
17	Supramolecular Polymers Formed from □Cyclodextrins Dimer Linked by Poly(ethylene glycol) and Guest Dimers. *Macromolecules*, **2005**, 38, 3724-3730	5.5	107
16	Preparation of Supramolecular Polymers from a Cyclodextrin Dimer and Ditopic Guest Molecules: Control of Structure by Linker Flexibility. *Macromolecules*, **2005**, 38, 5897-5904	5.5	141

15	Chiral supramolecular polymers formed by host-guest interactions. *Journal of the American Chemical Society*, **2005**, 127, 2984-9	16.4	174
14	Supramolecular Polymers from a Cyclodextrin Dimer and Ditopic Guest Molecules. *Chemistry Letters*, **2005**, 34, 320-321	1.7	5
13	Complex Formation between Polyisoprene and Cyclodextrins. *Macromolecular Rapid Communications*, **2004**, 25, 1159-1162	4.8	41
12	Bis(amido)titanium complexes having chelating diaryloxo ligands bridged by sulfur or methylene and their catalytic behaviors for ring-opening polymerization of cyclic esters. *Journal of Organometallic Chemistry*, **2004**, 689, 612-619	2.3	70
11	One-Pot Synthesis of Cyclodextrin Polyrotaxane: Trap of Cyclodextrin by Photodimerization of Anthracene-Capped pseudo-Polyrotaxane. *Macromolecules*, **2004**, 37, 7075-7077	5.5	62
10	Crystal Structure of the Complex of Cyclodextrin with Bithiophene and Their Oxidative Polymerization in Water. *Macromolecules*, **2004**, 37, 3962-3964	5.5	39
9	Cyclodextrin-initiated polymerization of cyclic esters in bulk: formation of polyester-tethered cyclodextrins. *Journal of the American Chemical Society*, **2004**, 126, 13588-9	16.4	64
8	Complex Formation and Gelation between Copolymers Containing Pendant Azobenzene Groups and Cyclodextrin Polymers. *Chemistry Letters*, **2004**, 33, 890-891	1.7	118
7	Inclusion Complex Formation and Hydrolysis of Lactones by Cyclodextrins. *Chemistry Letters*, **2003**, 32, 1122-1123	1.7	14
6	Synthesis of novel oxo complexes of tungsten and molybdenum with various chalcogen-bridged chelating bis(aryloxo) ligands and their catalytic behavior for ring-opening metathesis polymerization. *Journal of Organometallic Chemistry*, **2002**, 651, 114-123	2.3	16
5	Synthesis of cis-dichloride complexes of Group 6 transition metals bearing alkyne and chalcogen-bridged chelating bis(aryloxo) ligands as catalyst precursors for ring-opening metathesis polymerization. *Journal of Organometallic Chemistry*, **2002**, 654, 74-82	2.3	10
4	Steric isomerization of alkynedialkyltungsten complexes with a chelating diaryloxo ligand: crystal structures of Cs- and C1-W(-RC?CR)[2,2?-S(4-Me-6-R?C6H2O)2](CH2SiMe3)2. *Journal of Organometallic Chemistry*, **2002**, 664, 234-244	2.3	7
3	Polymerizations of Cyclic Esters Catalyzed by Titanium Complexes Having Chalcogen-Bridged Chelating Diaryloxo Ligands. *Macromolecules*, **2002**, 35, 7538-7544	5.5	133
2	Synthesis of a Novel Oxotungsten(VI) Complex Having a Chelating Bis(aryloxo) Ligand and Its Catalytic Behavior for Ring-Opening Metathesis Polymerization. *Chemistry Letters*, **2001**, 30, 488-489	1.7	6
1	Preparation of Novel Thermally Stable Polyurea by the Cationic Ring-Opening Isomerization Polymerization of Polycyclic Pseudourea. *Macromolecules*, **1998**, 31, 6822-6827	5.5	7