

Takeharu Haino

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210
papers

5,569
citations

41
h-index

66
g-index

247
ext. papers

6,217
ext. citations

5
avg, IF

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L-index

#	Paper	IF	Citations
210	Size-selective encapsulation of C60 by [10]cycloparaphenylene: formation of the shortest fullerene-peapod. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8342-4	16.4	331
209	Pinnatoxin A: a toxic amphoteric macrocycle from the Okinawan bivalve <i>Pinna muricata</i> . <i>Journal of the American Chemical Society</i> , 1995 , 117, 1155-1156	16.4	241
208	New Supramolecular Complex of C60 Based on Calix[5]arene: Its Structure in the Crystal and in Solution. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 259-260		188
207	Size- and orientation-selective encapsulation of C(70) by cycloparaphenylenes. <i>Chemistry - A European Journal</i> , 2013 , 19, 14061-8	4.8	163
206	Fullerenes Enclosed in Bridged Calix[5]arenes. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 997-998		160
205	White-light-emitting edge-functionalized graphene quantum dots. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5619-23	16.4	156
204	Supramolecular nano networks formed by molecular-recognition-directed self-assembly of ditopic calix[5]arene and dumbbell [60]fullerene. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8936-7	16.4	135
203	Size-Selective Encapsulation of C60 by [10]Cycloparaphenylene: Formation of the Shortest Fullerene-Peapod. <i>Angewandte Chemie</i> , 2011 , 123, 8492-8494	3.6	111
202	Isolation and structure of pinnatoxin D, a new shellfish poison from the okinawan bivalve <i>Pinna muricata</i> . <i>Tetrahedron Letters</i> , 1996 , 37, 4027-4030	2	105
201	Pinnatoxins B and C, the most toxic components in the pinnatoxin series from the Okinawan bivalve <i>Pinna muricata</i> . <i>Tetrahedron Letters</i> , 2001 , 42, 3491-3494	2	103
200	Circular dichroism and circularly polarized luminescence triggered by self-assembly of tris(phenylisoxazolyl)benzenes possessing a perylenebisimide moiety. <i>Chemical Communications</i> , 2012 , 48, 6025-7	5.8	93
199	Induced-fit molecular recognition with water-soluble cavitands. <i>Chemistry - A European Journal</i> , 2000 , 6, 3797-805	4.8	91
198	A new self-assembling capsule via metal coordination. <i>Chemical Communications</i> , 2005 , 2321-3	5.8	90
197	Supramolecular polymerization triggered by molecular recognition between bisporphyrin and trinitrofluorenone. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1473-6	16.4	81
196	Conversion from pillar[5]arene to pillar[6-15]arenes by ring expansion and encapsulation of C60 by pillar[n]arenes with nanosize cavities. <i>Organic Letters</i> , 2014 , 16, 2896-9	6.2	80
195	UV and IR spectroscopic studies of cold alkali metal ion-crown ether complexes in the gas phase. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12256-63	16.4	80
194	Guest encapsulation and self-assembly of a cavitand-based coordination capsule. <i>Chemistry - A European Journal</i> , 2006 , 12, 3310-9	4.8	80

193	Crystalline supramolecular complexes of C60 with calix[5]arenes. <i>Tetrahedron Letters</i> , 1997 , 38, 3739-3742		76
192	Self-assembly of tris(phenylisoxazolyl)benzene and its asymmetric induction of supramolecular chirality. <i>Chemical Communications</i> , 2008 , 468-70	5.8	73
191	Fullerene encapsulation with calix[5]arenes. <i>Tetrahedron</i> , 2006 , 62, 2025-2035	2.4	71
190	A new calix[5]arene-based container: selective extraction of higher fullerenes. <i>Organic Letters</i> , 2006 , 8, 3545-8	6.2	69
189	Supramolecular cross-linking of [60]fullerene-tagged polyphenylacetylene by the host-guest interaction of calix[5]arene and [60]fullerene. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7899-903	16.4	66
188	Metal-induced regulation of fullerene complexation with double-calix[5]arene. <i>Chemical Communications</i> , 2002 , 402-3	5.8	64
187	Novel helical assembly of a Pt(II) phenylbipyridine complex directed by metal-metal interaction and aggregation-induced circularly polarized emission. <i>Dalton Transactions</i> , 2015 , 44, 13156-62	4.3	63
186	Molecular recognition and self-assembly special feature: Supramolecular polymer formed by reversible self-assembly of tetrakisporphyrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 10477-81	11.5	63
185	Ion selectivity of crown ethers investigated by UV and IR spectroscopy in a cold ion trap. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 4057-68	2.8	59
184	Kinetically Stable Caviplexes in Water. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11253-11254	16.4	57
183	Molecular-recognition-directed formation of supramolecular polymers. <i>Polymer Journal</i> , 2013 , 45, 363-383	3	56
182	Guest binding and new self-assembly of bisporphyrins. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2572-80	4.2	56
181	Solid-phase synthesis of liquid crystalline isoxazole library. <i>Tetrahedron Letters</i> , 2004 , 45, 2277-2279	2	56
180	Fullerene receptor based on calix[5]arene through metal-assisted self-assembly. <i>Tetrahedron Letters</i> , 2001 , 42, 3203-3206	2	54
179	Novel high-throughput screening system for identifying STAT3-SH2 antagonists. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 627-31	3.4	52
178	A self-assembling molecular container for fullerenes. <i>Tetrahedron Letters</i> , 1999 , 40, 2781-2784	2	52
177	Self-assembly and gelation behavior of tris(phenylisoxazolyl)benzenes. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5082-91	4.2	49
176	Fullerene sensors based on calix[5]arene. <i>Chemical Communications</i> , 2002 , 2148-9	5.8	48

175	Chemical Functionalisation and Photoluminescence of Graphene Quantum Dots. <i>Chemistry - A European Journal</i> , 2016 , 22, 8198-206	4.8	47
174	Supramolecular fullerene polymers and networks directed by molecular recognition between calix[5]arene and C60. <i>Chemistry - A European Journal</i> , 2014 , 20, 16138-46	4.8	45
173	Thermodynamic study on supramolecular complex formation of fullerene with calix[5]arenes in organic solvents. <i>Tetrahedron Letters</i> , 2000 , 41, 493-497	2	45
172	Sequence-controlled supramolecular terpolymerization directed by specific molecular recognitions. <i>Nature Communications</i> , 2017 , 8, 634	17.4	44
171	Effect of high magnetic fields on the reverse electron transfer process in an β -cyclodextrin inclusion complex of phenothiazine-viologen chain-linked compound. <i>Chemical Physics Letters</i> , 1996 , 259, 361-367	2.5	44
170	High diastereoselection of a dissymmetric capsule by chiral guest complexation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7243-7	16.4	42
169	Structure of supramolecular complex of flexible molecular tweezers and planar guest in solution. <i>Tetrahedron</i> , 2001 , 57, 8667-8674	2.4	41
168	White-Light-Emitting Edge-Functionalized Graphene Quantum Dots. <i>Angewandte Chemie</i> , 2014 , 126, 5725-5729	3.6	40
167	Combinatorial synthesis of isoxazole library and their liquid crystalline properties. <i>Tetrahedron</i> , 2007 , 63, 652-665	2.4	40
166	A circularly polarized luminescent organogel based on a Pt(II) complex possessing phenylisoxazoles. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 468-474	7.8	39
165	Development of Ultraviolet-Ultraviolet Hole-Burning Spectroscopy for Cold Gas-Phase Ions. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1236-40	6.4	39
164	Asymmetric induction of supramolecular helicity in calix[4]arene-based triple-stranded helicate. <i>Chemical Communications</i> , 2009 , 2481-3	5.8	39
163	In verbr�kte Calix[5]arenmolek�l verpackte Fullerene. <i>Angewandte Chemie</i> , 1998 , 110, 1044-1046	3.6	35
162	Synthesis and binding behavior of an artificial receptor based on �pper rim�functionalized calix[5]arene. <i>Tetrahedron</i> , 1998 , 54, 12185-12196	2.4	35
161	Noncovalent isotope effect for guest encapsulation in self-assembled molecular capsules. <i>Chemistry - A European Journal</i> , 2009 , 15, 13286-90	4.8	34
160	Supramolecular Polymerization Triggered by Molecular Recognition between Bisporphyrin and Trinitrofluorenone. <i>Angewandte Chemie</i> , 2012 , 124, 1502-1505	3.6	33
159	Calix[4]arene-based ditopic receptor for dicarboxylates. <i>Tetrahedron Letters</i> , 2004 , 45, 2281-2284	2	32
158	A Supramolecular Polymer Network of Graphene Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4960-4964	16.4	31

157	Magnetic Field Effects on Intramolecular Exciplex Fluorescence of Chain-Linked Phenanthrene and N,N-Dimethylaniline: Influence of Chain Length, Solvent, and Temperature. <i>Bulletin of the Chemical Society of Japan</i> , 1996 , 69, 2801-2813	5.1	30
156	Frozen Dissymmetric Cavities in Resorcinarene-Based Coordination Capsules. <i>Chemistry - A European Journal</i> , 2016 , 22, 3250-3254	4.8	28
155	Ein supramolekularer Komplex von C60 mit Calix[5]aren [Struktur im Kristall und in Lösung. <i>Angewandte Chemie</i> , 1997 , 109, 288-290	3.6	28
154	Allosteric receptor based on monodeoxycalix[4]arene crown ether. <i>Tetrahedron Letters</i> , 1998 , 39, 8133-8136		27
153	Near-Infrared-Emitting Nitrogen-Doped Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9022-9026	16.4	26
152	Cooperative Self-Assembly of Carbazole Derivatives Driven by Multiple Dipole-Dipole Interactions. <i>Journal of Organic Chemistry</i> , 2016 , 81, 6832-7	4.2	26
151	Photoresponsive Toroidal Nanostructure Formed by Self-Assembly of Azobenzene-Functionalized Tris(phenylisoxazolyl)benzene. <i>Organic Letters</i> , 2016 , 18, 924-7	6.2	25
150	Synthesis of linear [5]catenanes via olefin metathesis dimerization of pseudorotaxanes composed of a [2]catenane and a secondary ammonium salt. <i>Chemical Communications</i> , 2016 , 52, 319-22	5.8	25
149	Modified synthesis and supramolecular polymerization of rim-to-rim connected bisresorcinarenes. <i>Organic Letters</i> , 2012 , 14, 4510-3	6.2	24
148	Majority-Rules Effect and Allostery in Molecular Recognition of Calix[4]arene-Based Triple-Stranded Metallohelicates. <i>Chemistry - A European Journal</i> , 2018 , 24, 8558-8568	4.8	23
147	Supramolecular Graft Copolymerization of a Polyester by Guest-Selective Encapsulation of a Self-Assembled Capsule. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2613-2618	16.4	22
146	Structure of host-guest complexes between dibenzo-18-crown-6 and water, ammonia, methanol, and acetylene: evidence of molecular recognition on the complexation. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 6827-36	3.6	21
145	High Magnetic Field and Magnetic Isotope Effects on Lifetimes of Triplet Biradicals Consisting of Two Equivalent Benzophenone Ketyls Linked by Methylene Chains. <i>Journal of Physical Chemistry A</i> , 1997 , 101, 6842-6849	2.8	21
144	Molecular tweezers based on dioxo[2.2]orthocyclophane skeleton. <i>Tetrahedron Letters</i> , 1999 , 40, 5545-5548		21
143	Enolate reactions on macrocyclic ring systems. Total synthesis of (+-)-sarcophytol A.. <i>Journal of Organic Chemistry</i> , 1992 , 57, 3521-3523	4.2	21
142	Designer supramolecular polymers with specific molecular recognitions. <i>Polymer Journal</i> , 2019 , 51, 303-318		21
141	Solvent-induced emission of organogels based on tris(phenylisoxazolyl)benzene. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 36-9	3.9	20
140	Photoresponsive two-component organogelators based on trisphenylisoxazolylbenzene. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4164-70	3.9	20

- 139 Selective synthesis of [2]- and [3]catenane tuned by ring size and concentration. *Journal of Organic Chemistry*, **2013**, 78, 5205-17 4.2 20
- 138 Laser spectroscopic study on (dibenzo-24-crown-8-ether)-water and -methanol complexes in supersonic jets. *Physical Chemistry Chemical Physics*, **2010**, 12, 3559-65 3.6 20
- 137 New insights into metal ion-crown ether complexes revealed by SEIRA spectroscopy. *New Journal of Chemistry*, **2015**, 39, 8673-8680 3.6 19
- 136 Anomalous cage effect of the excited state dynamics of catechol in the 18-crown-6-catechol host-guest complex. *Journal of Physical Chemistry B*, **2015**, 119, 2557-65 3.4 19
- 135 Supramolecular Porphyrin Copolymer Assembled through Host-Guest Interactions and Metal-Ligand Coordination. *Angewandte Chemie - International Edition*, **2015**, 54, 14830-4 16.4 19
- 134 Structures of (3n-Crown-n)-Phenol (n = 4, 5, 6, 8) Host-Guest Complexes: Formation of a Uniquely Stable Complex for n = 6 via Collective Intermolecular Interaction. *Journal of Physical Chemistry Letters*, **2012**, 3, 1414-20 6.4 18
- 133 Photoresponsive Organogel Based on Supramolecular Assembly of Tris(phenylisoxazolyl)benzene. *Australian Journal of Chemistry*, **2010**, 63, 640 1.2 18
- 132 Shielding effect of ether C=O bond obtained from proton chemical shifts of 4-oxa-5 α - and 4-oxa-5 β -androstan-17-ones. *Tetrahedron*, **1996**, 52, 2325-2336 2.4 18
- 131 Complexation of higher fullerenes by calix[5]arene-based host molecules. *Journal of Nanoscience and Nanotechnology*, **2007**, 7, 1386-8 1.3 18
- 130 High Diastereoselection of a Dissymmetric Capsule by Chiral Guest Complexation. *Angewandte Chemie*, **2014**, 126, 7371-7375 3.6 17
- 129 Self-inclusion properties of C60-linked calix[5]arene. *Tetrahedron Letters*, **2005**, 46, 1411-1414 2 17
- 128 Allosteric Guest Binding of Rim-to-Rim-Connected Homoditopic Biscavitands. *European Journal of Organic Chemistry*, **2016**, 2016, 3300-3303 3.2 17
- 127 A Supramolecular Polymer Network of Graphene Quantum Dots. *Angewandte Chemie*, **2018**, 130, 5054-5058 16 16
- 126 Molecular recognition of hydrocarbon guests by a supramolecular capsule formed by the 4:4 self-assembly of tris(Zn(2+)-cyclen) and trithiocyanurate in aqueous solution. *Chemistry - an Asian Journal*, **2012**, 7, 944-56 4.5 16
- 125 Induced-Dipole-Directed, Cooperative Self-Assembly of a Benzotrithiophene. *Journal of Organic Chemistry*, **2017**, 82, 10062-10069 4.2 15
- 124 Enantioselective Recognition of Calix[5]arene-based Artificial Receptor Bearing Chiral Macrocyclic for Chiral Ethyltrimethylammonium Salts. *Chemistry Letters*, **2007**, 36, 1054-1055 1.7 15
- 123 Self-complementary bis-porphyrins. *Tetrahedron Letters*, **2005**, 46, 257-260 2 15
- 122 Supramolecular Polymerization Engineered with Molecular Recognition. *Chemical Record*, **2015**, 15, 837-838 14 14

121	Synthesis and Enantioselective Recognition of a Calix[5]arene-based Chiral Receptor. <i>Supramolecular Chemistry</i> , 2008 , 20, 51-57	1.8	14
120	Calix[5]arene-Based Receptor for Dumb-Bell-Shaped C120. <i>Bulletin of the Chemical Society of Japan</i> , 2005 , 78, 768-770	5.1	14
119	Layered donor-acceptor-acceptor arrangement in complex of molecular tweezer based on dioxo[2.2]orthocyclophane. <i>Tetrahedron Letters</i> , 2000 , 41, 477-480	2	14
118	An Artificial Receptor Based on Monodeoxy Calix[4]arene. <i>Synlett</i> , 1998 , 1998, 1016-1018	2.2	14
117	Synthesis of a calix[5]arene receptor having two benzoic acid moieties. <i>Tetrahedron Letters</i> , 1999 , 40, 6301-6304	2	14
116	Chirality-Embedded Nanographenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 669-673	16.4	14
115	Supramolecular Copolymerization by Sequence Reorganization of a Supramolecular Homopolymer. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7028-7033	16.4	13
114	Ring-Chain Competition in Supramolecular Polymerization Directed by Molecular Recognition of the Bisporphyrin Cleft. <i>Macromolecules</i> , 2019 , 52, 6160-6168	5.5	13
113	Synthesis and Structure of Feet-to-Feet Connected Bisresorcinarenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 13220-13230	4.2	13
112	Highly shape-selective guest encapsulation in the precisely defined cavity of a calix[4]arene-capped metalloporphyrin. <i>Chemical Communications</i> , 2011 , 47, 12670-2	5.8	13
111	A new organogelator based on 1,3,5-tris(phenylisoxazolyl)benzene. <i>Synthetic Metals</i> , 2009 , 159, 821-826	3.6	13
110	Energetics of guest binding to calix[4]arene molecular containers. <i>Tetrahedron</i> , 2009 , 65, 7259-7267	2.4	12
109	Tether-assisted Synthesis of [3]Rotaxane by Olefin Metathesis. <i>Chemistry Letters</i> , 2010 , 39, 24-25	1.7	12
108	Supramolecular Cross-Linking of [60]Fullerene-Tagged Polyphenylacetylene by the Host-Guest Interaction of Calix[5]arene and [60]Fullerene. <i>Angewandte Chemie</i> , 2010 , 122, 8071-8075	3.6	12
107	Dynamic combinatorial library for fullerene receptors based on metal-assisted self-assembly. <i>Tetrahedron Letters</i> , 2006 , 47, 7915-7918	2	12
106	Supramolecular polymeric assemblies of π -conjugated molecules possessing phenylisoxazoles. <i>Polymer</i> , 2017 , 128, 243-256	3.9	11
105	Conformational Characteristics of Feet-to-Feet-Connected Biscavitands. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13483-13489	4.2	11
104	Supramolecular Polymerization and Functions of Isoxazole Ring Monomers. <i>Chemistry Letters</i> , 2020 , 49, 574-584	1.7	11

103	Supramolecular Approach to Polymer-Shape Transformation via Calixarene-Bullerene Complexation. <i>Macromolecules</i> , 2020 , 53, 3563-3570	5.5	11
102	Self-assembly of Oligo(phenylisoxazolyl)benzenes Induced by Multiple Dipole-Dipole Interactions. <i>Chemistry Letters</i> , 2014 , 43, 414-416	1.7	11
101	Synthesis of Optically Active Poly(m-phenyleneethynylene-aryleneethynylene)s Bearing Hydroxy Groups and Examination of the Higher Order Structures. <i>Macromolecules</i> , 2013 , 46, 8161-8170	5.5	11
100	Facile construction of well-defined fullerene-dendrimer supramolecular nanocomposites for bioapplications. <i>Chemical Communications</i> , 2015 , 51, 2851-4	5.8	11
99	Encapsulation of Ar(n) complexes by calix[4]arene: endo- vs. exo-complexes. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 4569-79	3.6	11
98	Synthesis of a Molecular Container Having an Open Door that Closes on Guest Binding. <i>Chemistry Letters</i> , 2008 , 37, 394-395	1.7	11
97	Effect of high magnetic fields on intramolecular exciplex fluorescence of pyrene and dimethylaniline systems. <i>Chemical Physics Letters</i> , 1999 , 315, 383-389	2.5	11
96	Facile Synthesis of an Eight-Armed Star-Shaped Polymer via Coordination-Driven Self-Assembly of a Four-Armed Cavitand. <i>ACS Macro Letters</i> , 2018 , 7, 1308-1311	6.6	11
95	UV photodissociation spectroscopy of cryogenically cooled gas phase host-guest complex ions of crown ethers. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 25925-34	3.6	10
94	Self-Healing Supramolecular Materials Constructed by Copolymerization via Molecular Recognition of Cavitand-Based Coordination Capsules. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16690-16697	16.4	10
93	Chemically Functionalized Two-Dimensional Carbon Materials. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2316-2328	4.5	10
92	Controllable Direction of Porphyrin Derivatives in Two Cyclodextrin Cavities. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2138-2143	3.2	10
91	Synthesis of optically active conjugated polymers containing platinum in the main chain: Control of the higher-order structures by substituents and solvents. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 2452-2461	2.5	10
90	A polymer-bound cavitand. <i>Organic Letters</i> , 2000 , 2, 3465-8	6.2	10
89	Is the magnetic shielding effect of a lactone group the simple sum of those of a ketone and an ether?. <i>Tetrahedron Letters</i> , 1999 , 40, 3591-3594	2	10
88	Liposome collapse resulting from an allosteric interaction between 2,6-dimethyl- β -cyclodextrins and lipids. <i>RSC Advances</i> , 2015 , 5, 77746-77754	3.7	9
87	Helical assembly of a dithienogermole exhibiting switchable circularly polarized luminescence. <i>Chemical Communications</i> , 2019 , 55, 10607-10610	5.8	9
86	AIE-active micelles formed by self-assembly of an amphiphilic platinum complex possessing isoxazole moieties. <i>Chemical Communications</i> , 2020 , 56, 1137-1140	5.8	9

85	Light-harvesting organogel based on tris(phenylisoxazolyl)benzene. <i>Supramolecular Chemistry</i> , 2017 , 29, 471-476	1.8	8
84	Near-Infrared-Emitting Nitrogen-Doped Nanographenes. <i>Angewandte Chemie</i> , 2019 , 131, 9120-9124	3.6	8
83	Construction of Helically Stacked π -Electron Systems in Poly(quinolylene-2,3-methylene) Stabilized by Intramolecular Hydrogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10286-10291	16.4	8
82	Cage effects on conformational preference and photophysics in the host-guest complex of benzenediols with 18-Crown-6. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 8027-38	3.6	8
81	Intrinsic Emission from Nanographenes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3213-3220	4.5	8
80	Guest induced head-to-tail columnar assembly of 5,17-difunctionalized calix[4]arene. <i>CrystEngComm</i> , 2014 , 16, 6023-6032	3.3	8
79	Molecular recognition of upper rim functionalized cavitand and its unique dimeric capsule in the solid state. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1647-53	3.9	8
78	Highly efficient synthesis of [3]rotaxane assisted by preorganisation of pseudorotaxane using bis(crown ether)s. <i>Supramolecular Chemistry</i> , 2010 , 22, 815-826	1.8	8
77	A New Receptor Based on Calix[5]arene Analogue. <i>Synlett</i> , 1997 , 1997, 673-674	2.2	8
76	Sugar Binding to an Calix[4]arene-Based Receptor. <i>Heterocycles</i> , 2006 , 68, 2477	0.8	8
75	Entropy-Driven Cooperativity in the Guest Binding of an Octaphosphonate Bis-cavitand. <i>Chemistry - A European Journal</i> , 2020 , 26, 3074-3079	4.8	8
74	Conformation of K(Crown Ether) Complexes Revealed by Ion Mobility-Mass Spectrometry and Ultraviolet Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 9980-9990	2.8	8
73	A protocol for size separation of nanographenes.. <i>RSC Advances</i> , 2019 , 9, 33843-33846	3.7	8
72	Supramolecular Graft Copolymerization of a Polyester by Guest-Selective Encapsulation of a Self-Assembled Capsule. <i>Angewandte Chemie</i> , 2017 , 129, 2657-2662	3.6	7
71	Photoluminescence responses of graphene quantum dots toward organic bases and an acid. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 623-626	4.2	7
70	Non-directional forces drive guest affinity and discrimination in a calix[5]arene-based receptor. <i>Tetrahedron Letters</i> , 2000 , 41, 4139-4142	2	7
69	Dianion methodology for the construction of large-membered ring systems: Application to the synthesis of muscone.. <i>Tetrahedron Letters</i> , 1992 , 33, 7561-7564	2	7
68	Structure-Activity Relationship of Okadaic Acid, a Potent Protein Phosphatases PP1 and PP2A Inhibitor: 24-epi-Okadaic Acid and a 18-Membered Lactone Analog. <i>Heterocycles</i> , 2008 , 76, 1033	0.8	7

- 67 Helically Organized Fullerene Array in a Supramolecular Polymer Main Chain. *Journal of the American Chemical Society*, **2021**, 143, 4339-4345 16.4 7
- 66 Self-Assembly of Nanographenes. *Angewandte Chemie - International Edition*, **2021**, 60, 12706-12711 16.4 7
- 65 Separation of Spectroscopically Uniform Nanographenes. *Chemistry - an Asian Journal*, **2019**, 14, 1786-1794 14.3 7
- 64 Columnar Organization of Carbo[5]helicene Directed by Peripheral Steric Perturbation. *Organic Letters*, **2020**, 22, 5294-5298 6.2 6
- 63 Synthesis and Properties of Novel Optically Active Platinum-containing Poly(phenyleneethynylene)s. *Chemistry Letters*, **2016**, 45, 937-939 1.7 6
- 62 Slow Intermolecular Complexation/Decomplexation Exchanges of Cyclodextrins in Fullerene and Its Derivative Complexes. *ChemistrySelect*, **2017**, 2, 11322-11327 1.8 6
- 61 Supramolecular Porphyrin Copolymer Assembled through Host-Guest Interactions and Metal-Ligand Coordination. *Angewandte Chemie*, **2015**, 127, 15043-15047 3.6 6
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