Yoshihisa Inoue

List of Publications by Citations

Source: https://exaly.com/author-pdf/487100/yoshihisa-inoue-publications-by-citations.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146 papers	9,012 citations	39 h-index	93 g-index
154 ext. papers	9,823 ext. citations	9.6 avg, IF	6.36 L-index

#	Paper	IF	Citations
146	Complexation Thermodynamics of Cyclodextrins. *Chemical Reviews*, **1998**, 98, 1875-1918	68.1	2627
145	Chirality-sensing supramolecular systems. *Chemical Reviews*, **2008**, 108, 1-73	68.1	936
144	Asymmetric photochemical reactions in solution. *Chemical Reviews*, **1992**, 92, 741-770	68.1	543
143	Noncovalent assembly. A rational strategy for the realization of chain-growth supramolecular polymerization. *Science*, **2015**, 347, 646-51	33.3	400
142	Circularly Polarized Luminescence and Circular Dichroisms in Small Organic Molecules: Correlation between Excitation and Emission Dissymmetry Factors. *ChemPhotoChem*, **2018**, 2, 386-402	3.3	291
141	Supramolecular catalysis of the enantiodifferentiating [4 + 4] photocyclodimerization of 2-anthracenecarboxylate by gamma-cyclodextrin. *Journal of the American Chemical Society*, **2003**, 125, 966-72	16.4	185
140	Highly stereoselective photocyclodimerization of alpha-cyclodextrin-appended anthracene mediated by gamma-cyclodextrin and cucurbit[8]uril: a dramatic steric effect operating outside the binding site. *Journal of the American Chemical Society*, **2008**, 130, 8574-5	16.4	176
139	Theoretical and experimental studies on circular dichroism of carbo[n]helicenes. *Journal of Physical Chemistry A*, **2012**, 116, 7372-85	2.8	175
138	Supramolecular photochirogenesis. *Chemical Society Reviews*, **2014**, 43, 4123-43	58.5	125
137	Highly enantiomeric supramolecular [4 + 4] photocyclodimerization of 2-anthracenecarboxylate mediated by human serum albumin. *Journal of the American Chemical Society*, **2007**, 129, 3478-9	16.4	110
136	Electrostatic manipulation of enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate within gamma-cyclodextrin cavity through chemical modification. inverted product distribution and enhanced enantioselectivity. *Journal of the American Chemical Society*, **2005**, 127, 5338-9	16.4	106
135	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. *Angewandte Chemie - International Edition*, **2017**, 56, 6869-6873	16.4	103
134	Entropy-Controlled Asymmetric Photochemistry: Switching of Product Chirality by Solvent. *Journal of the American Chemical Society*, **2000**, 122, 406-407	16.4	102
133	Catalytic enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by a non-sensitizing chiral metallosupramolecular host. *Angewandte Chemie - International Edition*, **2009**, 48, 6675-7	16.4	94
132	Symmetry-based rational design for boosting chiroptical responses. *Communications Chemistry*, **2018**, 1,	6.3	93
131	Dual supramolecular photochirogenesis: ultimate stereocontrol of photocyclodimerization by a chiral scaffold and confining host. *Journal of the American Chemical Society*, **2011**, 133, 13786-9	16.4	89
130	An optical yield that increases with temperature in a photochemically induced enantiomeric isomerization. *Nature*, **1989**, 341, 225-226	50.4	83

129	Pressure and Temperature Control of Product Chirality in Asymmetric Photochemistry. Enantiodifferentiating Photoisomerization of Cyclooctene Sensitized by Chiral Benzenepolycarboxylates. *Journal of the American Chemical Society*, **1998**, 120, 10687-10696	16.4	81
128	Circular dichroism of (di)methyl- and diaza[6]helicenes. A combined theoretical and experimental study. *Journal of Physical Chemistry A*, **2013**, 117, 83-93	2.8	71
127	Pressure and temperature-controlled enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylate mediated by secondary face- and skeleton-modified gamma-cyclodextrins. *Journal of Organic Chemistry*, **2006**, 71, 3126-36	4.2	71
126	Supramolecular photochirogenesis. 2. Enantiodifferentiating photoisomerization of cyclooctene included and sensitized by 6-O-modified cyclodextrins. *Journal of Organic Chemistry*, **2000**, 65, 8041-50	4.2	71
125	Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by gamma-cyclodextrins with a flexible or rigid cap. *Organic Letters*, **2006**, 8, 3005-8	6.2	69
124	Theoretical and experimental investigations of circular dichroism and absolute configuration determination of chiral anthracene photodimers. *Journal of the American Chemical Society*, **2012**, 134, 4990-7	16.4	68
123	Supramolecular Photochirogenesis Driven by Higher-Order Complexation: Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate to Slipped Cyclodimers via a 2:2 Complex with Cyclodextrin. *Journal of the American Chemical Society*, **2018**, 140, 3959-3974	16.4	67
122	Photochirogenesis: multidimensional control of asymmetric photochemistry. *Chemical Communications*, **2000**, 251-259	5.8	66
121	Inclusion-Enhanced Optical Yield and E/Z Ratio in Enantiodifferentiating Photoisomerization of Cyclooctene Included and Sensitized by .beta.-Cyclodextrin Monobenzoate. *Journal of the American Chemical Society*, **1995**, 117, 11033-11034	16.4	66
120	Ammonia-driven chirality inversion and enhancement in enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by diguanidino-cyclodextrin. *Journal of the American Chemical Society*, **2014**, 136, 6916-9	16.4	61
119	Synthesis and Characterization of Silica Nanotubes with Radially Oriented Mesopores. *Advanced Functional Materials*, **2008**, 18, 541-550	15.6	60
118	Enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylate catalyzed by 6A,6X-diamino-6A,6X-dideoxy-cyclodextrins: Manipulation of product chirality by electrostatic interaction, temperature and solvent in supramolecular photochirogenesis. *Journal of Photochemistry and Photobiology A: Chemistry*, **2005**, 173, 375-383	4.7	59
117	Explaining the highly enantiomeric photocyclodimerization of 2-anthracenecarboxylate bound to human serum albumin using time-resolved anisotropy studies. *Journal of the American Chemical Society*, **2013**, 135, 203-9	16.4	55
116	Experimental and theoretical study of the CD spectra and conformational properties of axially chiral 2,2S, 3,3S, and 4,4Sbiphenol ethers. *Journal of Physical Chemistry A*, **2007**, 111, 4222-34	2.8	55
115	Supramolecular enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by capped gamma-cyclodextrins: critical control of enantioselectivity by cap rigidity. *Journal of Organic Chemistry*, **2008**, 73, 5786-94	4.2	53
114	Enantiodifferentiating photoisomerization of cyclooctene included and sensitized by aroyl-beta-cyclodextrins: a critical enantioselectivity control by substituents. *Journal of Organic Chemistry*, **2008**, 73, 7695-701	4.2	49
113	Temperature and solvent control of the stereoselectivity in the reactions of singlet oxygen with oxazolidinone-substituted enecarbamates. *Journal of the American Chemical Society*, **2004**, 126, 10498-9	16.4	49
112	Peptide Ribonucleic Acids (PRNA). 2. A Novel Strategy for Active Control of DNA Recognition through Borate Ester Formation. *Journal of the American Chemical Society*, **2000**, 122, 6900-6910	16.4	44

111	Charge-transfer excitation: unconventional yet practical means for controlling stereoselectivity in asymmetric photoreactions. *Chemical Society Reviews*, **2013**, 42, 8122-33	58.5	43
110	Novel o-Phenylenediseleno Bridged Bis (β-cyclodextrin)s Complexes with Platinum(IV) and Palladium(II) Ions. *Supramolecular Chemistry*, **1999**, 10, 279-285	1.8	43
109	Inherently Chiral Azonia[6]helicene-Modified β-Cyclodextrin: Synthesis, Characterization, and Chirality Sensing of Underivatized Amino Acids in Water. *Journal of Organic Chemistry*, **2016**, 81, 3430-4	4.2	42
108	Theoretical and experimental studies of circular dichroism of mono- and diazonia[6]helicenes. *Journal of Physical Chemistry A*, **2013**, 117, 5082-92	2.8	41
107	An Ultimate Stereocontrol in Supramolecular Photochirogenesis: Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Sulfur-Linked β-Cyclodextrin Dimers. *Journal of the American Chemical Society*, **2019**, 141, 9225-9238	16.4	39
106	Quantum chemical study on the circular dichroism spectra and specific rotation of donor-acceptor cyclophanes. *Journal of Physical Chemistry A*, **2007**, 111, 7995-8006	2.8	39
105	Phase-sensitive supramolecular chirogenesis in bisporphyrin systems. *Angewandte Chemie - International Edition*, **2002**, 41, 1378-81	16.4	39
104	Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. *Chemical Communications*, **2013**, 49, 3510-2	5.8	38
103	Metal-Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a C10-Symmetric Double-Decker Nanoring. *Journal of the American Chemical Society*, **2015**, 137, 7628-31	16.4	37
102	Wavelength-controlled supramolecular photocyclodimerization of anthracenecarboxylate mediated by β-cyclodextrins. *Chemical Communications*, **2011**, 47, 6849-51	5.8	37
101	Axial chirality of donor-donor, donor-acceptor, and tethered 1,1Sbinaphthyls: a theoretical revisit with dynamics trajectories. *Journal of Physical Chemistry A*, **2011**, 115, 5488-95	2.8	36
100	First Synthesis, Isolation and Characterization of Enantiomerically Pure and Inherently Chiral Resorc[4]arenes by Lewis Acid Cyclization of a Resorcinol Monoalkyl Ether. *European Journal of Organic Chemistry*, **2003**, 2003, 1404-1409	3.2	36
99	Unique dual fluorescence of sterically congested hexaalkyl benzenehexacarboxylates: mechanism and application to viscosity probing. *Journal of the American Chemical Society*, **2002**, 124, 6942-9	16.4	35
98	Solvent and temperature effects on diastereodifferentiating Paternò-Büchi reaction of chiral alkyl cyanobenzoates with diphenylethene upon direct versus charge-transfer excitation. *Journal of Organic Chemistry*, **2010**, 75, 5461-9	4.2	33
97	Competitive enantiodifferentiating anti-Markovnikov photoaddition of water and methanol to 1,1-diphenylpropene using a sensitizing cyclodextrin host. *Journal of Organic Chemistry*, **2009**, 74, 6714-27	4.2	33
96	Cyclodextrin nanosponge-sensitized enantiodifferentiating photoisomerization of cyclooctene and 1,3-cyclooctadiene. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 1305-11	2.5	32
95	Cooperative multiple recognition by novel calix[4]arene-tethered beta-cyclodextrin and calix[4]arene-bridged bis(beta-cyclodextrin). *Journal of Organic Chemistry*, **2001**, 66, 7209-15	4.2	32
94	Combined experimental and quantum chemical investigation of chiroptical properties of nicotinamide derivatives with and without intramolecular cation-pi interactions. *Journal of Physical Chemistry A*, **2009**, 113, 8754-64	2.8	31

93	Enhanced diastereoselectivity via confinement: photoisomerization of 2,3-diphenylcyclopropane-1-carboxylic acid derivatives within zeolites. *Journal of Organic Chemistry* , **2004**, 69, 6533-47	4.2	31
92	Combined Experimental and Theoretical Study on Circular Dichroism and Circularly Polarized Luminescence of Configurationally Robust D-Symmetric Triple Pentahelicene. *Journal of Physical Chemistry A*, **2018**, 122, 7378-7384	2.8	31
91	First photosensitized enantiodifferentiating isomerization by optically active sensitizer immobilized in zeolite supercages. *Chemical Communications*, **2001**, 1864-5	5.8	30
90	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. *Angewandte Chemie*, **2017**, 129, 6973-6977	3.6	28
89	Wavelength control of diastereodifferentiating Paterno-Buchi reaction of chiral cyanobenzoates with diphenylethene through direct versus charge-transfer excitation. *Journal of the American Chemical Society*, **2009**, 131, 17076-7	16.4	28
88	A combined experimental and theoretical study on the conformation of multiarmed chiral aryl ethers. *Journal of Organic Chemistry*, **2007**, 72, 6998-7010	4.2	28
87	Toroidal Interaction and Propeller Chirality of Hexaarylbenzenes. Dynamic Domino Inversion Revealed by Combined Experimental and Theoretical Circular Dichroism Studies. *Journal of Physical Chemistry Letters*, **2016**, 7, 783-8	6.4	27
86	Regioselective [2 + 2]-photocycloaddition reactions of chiral tetronates-influence of temperature, pressure, and reaction medium. *Chemical Communications*, **2007**, 822-4	5.8	26
85	Syn-anti conformation switching of a bis-porphyrin derivative at the air-water interface and in the solid state as an effective tool for chemical sensing. *Soft Matter*, **2013**, 9, 2302	3.6	25
84	Absolute configuration of atropisomeric polychlorinated biphenyl 183 enantiomerically enriched in human samples. *Journal of Physical Chemistry A*, **2012**, 116, 9340-6	2.8	24
83	Pressure control of enantiodifferentiating photoisomerization of cyclooctenes sensitized by chiral benzenepolycarboxylates. The origin of discontinuous pressure dependence of the optical yield. *Organic and Biomolecular Chemistry*, **2003**, 1, 4435-40	3.9	24
82	Excited-State Dynamics Achieved Ultimate Stereocontrol of Photocyclodimerization of Anthracenecarboxylates on a Glucose Scaffold. *Journal of the American Chemical Society*, **2015**, 137, 15007-14	16.4	23
81	Enantiospecific photochemical transformations under elevated pressure. *Chemistry - A European Journal*, **2013**, 19, 4327-34	4.8	23
80	Supramolecular Photochirogenesis with a Higher-Order Complex: Highly Accelerated Exclusively Head-to-Head Photocyclodimerization of 2-Anthracenecarboxylic Acid via 2:2 Complexation with Prolinol. *Journal of the American Chemical Society*, **2016**, 138, 12187-201	16.4	23
79	Enantioselectivity of 2,2Ş3,5Ş6-Pentachlorobiphenyl (PCB 95) Atropisomers toward Ryanodine Receptors (RyRs) and Their Influences on Hippocampal Neuronal Networks. *Environmental Science & Technology*, **2017**, 51, 14406-14416	10.3	22
78	Experimental and Theoretical Studies on the Chiroptical Properties of Donor-Acceptor Binaphthyls. Effects of Dynamic Conformer Population on Circular Dichroism. *Journal of Physical Chemistry Letters*, **2010**, 1, 1809-1812	6.4	22
77	Enantioselective [4+4] photodimerization of anthracene-2,6-dicarboxylic acid mediated by a C2-symmetric chiral template. *Chemical Communications*, **2016**, 52, 1032-5	5.8	21
76	Bio-supramolecular photochirogenesis with molecular chaperone: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by prefoldin. *Photochemical and Photobiological Sciences*, **2010**, 9, 655-60	4.2	21

75	Discontinuous pressure effect upon enantiodifferentiating photosensitized isomerization of cyclooctene. *Chemical Communications*, **2002**, 1272-3	5.8	19
74	Complexation Thermodynamics of Crown Ethers. 6.1,2 Calorimetric Titration of Cation Complexation with Some Azacrown Ethers. *Journal of Organic Chemistry*, **1998**, 63, 2144-2147	4.2	19
73	Recent theoretical and experimental advances in the electronic circular dichroisms of planar chiral cyclophanes. *Topics in Current Chemistry*, **2011**, 298, 99-128		18
72	Solvent and Temperature Effects on Dynamics and Chiroptical Properties of Propeller Chirality and Toroidal Interaction of Hexaarylbenzenes. *Journal of Physical Chemistry A*, **2018**, 122, 7455-7463	2.8	17
71	Cross- versus homo-photocyclodimerization of anthracene and 2-anthracenecarboxylic acid mediated by a chiral hydrogen-bonding template. Factors controlling the cross-/homo-selectivity and enantioselectivity. *Journal of Organic Chemistry*, **2013**, 78, 3073-85	4.2	17
70	Conformation Elucidation of Tethered Donor–Acceptor Binaphthyls from the Anisotropy Factor of a Charge-Transfer Band. *Journal of Physical Chemistry Letters*, **2010**, 1, 2402-2405	6.4	17
69	Manipulating β-cyclodextrin-mediated photocyclodimerization of anthracenecarboxylate by wavelength, temperature, solvent and host. *Photochemical and Photobiological Sciences*, **2014**, 13, 190-8	4.2	15
68	Inherently Chiral Resorcin[4]arenes with Urea and Amide Side Arms: Synthesis, Structure and Chiral Recognition. *European Journal of Organic Chemistry*, **2013**, 2013, 1240-1245	3.2	15
67	Supramolecular FRET photocyclodimerization of anthracenecarboxylate with naphthalene-capped β-cyclodextrin. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 290-7	2.5	15
66	Enantiodifferentiating photocyclodimerization of cyclohexene sensitized by chiral benzenecarboxylates. *Perkin Transactions II RSC*, **2000**, 737-747		15
65	Enantioselective Recognition of Aliphatic Amino Acids by Organoselenium Modified β-Cyclodextrins. *Supramolecular Chemistry*, **1999**, 10, 173-184	1.8	15
64	pH-Independent Charge Resonance Mechanism for UV Protective Functions of Shinorine and Related Mycosporine-like Amino Acids. *Journal of Physical Chemistry A*, **2015**, 119, 12722-9	2.8	14
63	Chiral ionic liquid-mediated photochirogenesis. Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid. *Organic and Biomolecular Chemistry*, **2011**, 9, 7105-12	3.9	14
62	Microcalorimetry **2006**, 199-230		14
61	Enantiodifferentiating photocyclodimerization of cyclohexa-1,3-diene sensitized by chiral arenecarboxylates. *Perkin Transactions II RSC*, **2000**, 77-84		14
60	Mammalian serum albumins as a chiral mediator library for bio-supramolecular photochirogenesis: optimizing enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate. *Chemical Communications*, **2014**, 50, 14082-5	5.8	13
59	Solvent- and phase-controlled photochirogenesis. Enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by cyclic nigerosylnigerose-based nanosponges crosslinked by pyromellitate. *Organic and Biomolecular Chemistry*, **2015**, 13, 2905-12	3.9	13
58	Molecular Recognition Studies on Supramolecular Systems. 29. Anilino- and m-Toluidino-β-Cyclodextrins: Structural and Conformational Analyses and Molecular Recognition of Aliphatic Alcohols. *Supramolecular Chemistry*, **2000**, 12, 299-316	1.8	13

57	Direct Thin Layer Chromatographic Separation of Enantiomers of Six selected Amino Acids Using 2-O-[(R)-2-Hydroxypropyl]-CD as a Mobile Phase Additive. *Analytical Letters*, **1995**, 28, 2041-2048	2.2	12
56	Catalytic Bio-Supramolecular Photochirogenesis: Batch-Operated Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Human Serum Albumin. *ChemCatChem*, **2013**, 5, 3237-3240	5.2	11
55	Supramolecular Photochirogenesis **2011**, 115-153		11
54	Bimolecular Photoreactions in the Crystalline State **2011**, 175-228		11
53	Photochirogenic nanosponges: phase-controlled enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by pyromellitate-crosslinked linear maltodextrin. *RSC Advances*, **2017**, 7, 17184-17192	3.7	10
52	Hydrostatic Pressure-Induced Spectral Variation of Reichardt's Dye: A Polarity/Pressure Dual Indicator. *ACS Omega*, **2020**, 5, 897-903	3.9	10
51	Chiral recognition and supramolecular photoreaction of 1,1?-binaphthol with bovine and human serum albumins. *Research on Chemical Intermediates*, **2013**, 39, 371-383	2.8	10
50	Manipulation of Energy Transfer Processes Within the Channels of L-Zeolite **2011**, 285-387		10
49	Protonation-Induced Sign Inversion of the Cotton Effects of Pyridinophanes. A Combined Experimental and Theoretical Study. *Journal of Physical Chemistry A*, **2017**, 121, 977-985	2.8	9
48	Oligosaccharide Sensing in Aqueous Media by Porphyrin-Curdlan Conjugates: A Pr-Porter Rather Than Haute-Couture Approach. *Chemistry - A European Journal*, **2017**, 23, 11272-11278	4.8	9
47	Photoinduced Electron-Transfer Oxidation of Olefins with Molecular Oxygen Sensitized by Tetrasubstituted Dimethoxybenzenes: A Non-Singlet-Oxygen Mechanism. *Helvetica Chimica Acta*, **2001**, 84, 2693	2	9
46	Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. *Organic and Biomolecular Chemistry*, **2016**, 14, 9741-9750	3.9	9
45	Entropy-Driven Diastereoselectivity Improvement in the Paterno-Büchi Reaction of 1-Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. *Angewandte Chemie - International Edition*, **2018**, 57, 4880-4885	16.4	8
44	Complexation Thermodynamics of p-tert-Butylcalix[4]arene Derivatives with Light Lanthanoid Nitrates in Acetonitrile. *Supramolecular Chemistry*, **2001**, 13, 529-537	1.8	8
43	Pressure-driven, solvation-directed planar chirality switching of cyclophano-pillar[5]arenes (molecular universal joints). *Chemical Science*, **2021**, 12, 4361-4366	9.4	8
42	A Combined Experimental and Theoretical Study on the Circular Dichroism of Staggered and Eclipsed Forms of Dimethoxy[2.2]-, [3.2]-, and [3.3]Pyridinophanes and Their Protonated Forms. *Journal of Physical Chemistry A*, **2017**, 121, 8389-8398	2.8	7
41	Protein-Controlled Ultrafast Photoisomerization in Rhodopsin and Bacteriorhodopsin **2011**, 571-595		7
40	Supramolecular complexation and photocyclodimerization of methyl 3-methoxy-2-naphthoate with modified -cyclodextrins. *Pure and Applied Chemistry*, **2011**, 83, 769-778	2.1	7

39	Circular Dichroisms of Mono- and Dibromo[2.2]paracyclophanes: A Combined Experimental and Theoretical Study. *ACS Omega*, **2018**, 3, 22-29	3.9	6
38	Contrasting Behaviour of Exciplex Ensembles in the Diastereodifferentiating Paterno–Büchi Reaction of Chiral Cyanobenzoate with Naphthyl- and Phenylethenes on Direct or Charge-Transfer Excitation. *Australian Journal of Chemistry*, **2015**, 68, 1693	1.2	6
37	Conformational switching of ethano-bridged Cu,H2-bis-porphyrin induced by aromatic amines. *Beilstein Journal of Nanotechnology*, **2015**, 6, 2154-60	3	6
36	Experimental and theoretical investigations of circular dichroism of donor-acceptor 1,1Sbinaphthyls: influence of substitution on the coupling amplitude and cotton effect of the charge-transfer band. *Chirality*, **2011**, 23 Suppl 1, E22-7	2.1	6
35	Molecular Recognition Study on a Supramolecular System. Part 21. Inclusion Complexation Thermodynamics of Aliphatic Alcohols by Organoselenium Modified β-Cyclodextrins. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2000**, 36, 311-325		6
34	Chiroptical properties of dithia[3.3]cyclophanes composed of anthracene and pyridine/pyridinium moieties: A combined experimental and theoretical study. *Chirality*, **2017**, 29, 677-683	2.1	4
33	Complexation of Fluorescent Dyes by Macrocyclic Hosts **2011**, 87-114		4
32	A Supramolecular Strategy for Enhancing Photochirogenic Performance through Host/Guest Modification: Dicationic β-Cyclodextrin-Mediated Photocyclodimerization of 2,6-Anthracenedicarboxylate. *Organic Letters*, **2020**, 22, 9757-9761	6.2	4
31	Absolute configuration determination through the unique intramolecular excitonic coupling in the circular dichroisms of o,pSDDT and o,pSDDD. A combined experimental and theoretical study. *Photochemical and Photobiological Sciences*, **2017**, 16, 606-610	4.2	3
30	X-ray observations of single bio-supramolecular photochirogenesis. *Biophysical Chemistry*, **2018**, 242, 1-5	3.5	3
29	Templating Photoreactions in Solution **2011**, 53-86		3
28	Structural Aspects and Templation of Photochemistry in Solid-State Supramolecular Systems **2011**, 229-266		3
27	Molecular Recognition of Aliphatic Alcohols and Carboxylic Acid by Chromophoric Cyclodextrins. *Supramolecular Chemistry*, **2000**, 12, 243-253	1.8	3
26	Molecular Design of Crown Ethers. 17[1]. Complexation Thermodynamics of Light Lanthanoid Nitrates with N-Benzylaza-21-crown-7 in Acetonitrile. *Supramolecular Chemistry*, **2000**, 11, 239-245	1.8	3
25	Module Strategy for Peptide Ribonucleic Acid (PRNA)–DNA and PRNA–Peptide Nucleic Acid (PNA)–DNA Chimeras: Synthesis and Interaction of Chimeras with DNA and RNA. *Chemistry Letters*, **2016**, 45, 350-352	1.7	2
24	Controlling Photoreactions Through Noncovalent Interactions Within Zeolite Nanocages **2011**, 389-442		2
23	Synthesis and crystal structure of [Y(NO3)3(OH2)3]·(Me2-16-crown-5)·H2O. *Journal of Chemical Crystallography*, **1998**, 28, 197-201	0.5	2
22	N-Benzoyl-protected Peptide Nucleic Acid (PNA) Monomers Expand the Range of Nucleobases Available for PNA-DNA Chimera. *Chemistry Letters*, **2019**, 48, 341-344	1.7	1

21	Peptide Ribonucleic Acid (PRNA)–Arginine Hybrids. Effects of Arginine Residues Alternatingly Introduced to PRNA Backbone on Aggregation, Cellular Uptake, and Cytotoxicity. *Chemistry Letters*, **2018**, 47, 381-384	1.7	1
20	Orbital Control of Photochemical Rearrangement of 4-Aryl-1,1-dicyano-1-butenes through the Hyperconjugative Substitution on the Linker Chain. *Journal of Physical Chemistry Letters*, **2016**, 7, 4957-4961	6.4	1
19	Electronic Circular Dichroism of Supramolecular Systems **2012**, 317-353		1
18	Donor/Acceptor-Substituted Chiral Molecular Clips: Synthesis and Host–Guest Complex Formation. *European Journal of Organic Chemistry*, **2012**, 2012, 3385-3395	3.2	1
17	Heterogeneous Enantioselective Hydrogenation: pH Dependence and Interplay between Catalytic Efficacy and Surface Composition. *Chemistry Letters*, **2013**, 42, 1225-1226	1.7	1
16	Dynamics of Guest Binding to Supramolecular Assemblies **2011**, 1-51		1
15	Real-Time Crystallography of Photoinduced Processes in Supramolecular Framework Solids **2011**, 155-174		1
14	Photochemical and Photophysical Studies of and in Bulk Polymers **2011**, 443-516		1
13	Delocalization and Migration of Excitation Energy and Charge in Supramolecular Systems **2011**, 517-546		1
12	Novel Strategy of Supramolecular Asymmetric Photochirogenesis with Tailor-Made Biopolymers as Chiral Reaction Fields. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2011**, 24, 595-596	0.7	1
11	Reaction Control by Molecular Recognition: A Survey from the Photochemical Perspective **2010**, 1-42		1
10	Recognition control of the nucleic acid model through conformational switching of nucleobase induced by borate ester formation of cis-2,3-diol. *Nucleic Acids Symposium Series*, **1999**, 145-6		1
9	Optical Trapping-Induced New Polymorphism of β-Cyclodextrin in Unsaturated Solution. *Crystal Growth and Design*,	3.5	1
8	Entropy-Driven Diastereoselectivity Improvement in the Paternò–Büchi Reaction of 1-Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. *Angewandte Chemie*, **2018**, 130, 4974-4979	3.6	1
7	Supramolecular Effects on Mechanisms of Photoisomerization: Hula Twist, Bicycle Pedal, and One-Bond-Flip **2011**, 547-570		
6	Photochromism of Multicomponent Diarylethene Crystals **2011**, 267-283		
5	Chiral Photochemistry in Supercritical Fluid and under High Pressure. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2011**, 21, 30-36	0	
4	Conformation and recognition control of peptide ribonucleic acid containing pyrimidine/purine mixed sequence. *Nucleic Acids Symposium Series*, **2001**, 229-30		

3 Supramolecular Photochirogenesis with Cyclodextrin **2020**, 509-535

2 Supramolecular Photochirogenesis with Cyclodextrin **2019**, 1-27

1 Complexation Thermodynamics of Selenacrown Ether: Origin of High Silver(I) Selectivity of 1,5,14,18-Tetraselena-8,11,21,24-tetraoxacyclohexacosane. *Journal of Chemical Research*, **1999**, 23, 284-285