

Yoshihisa Inoue

List of Publications by Year in descending order

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134
papers

10,758
citations

57752

44
h-index

30920

102
g-index

154
all docs

154
docs citations

154
times ranked

8645
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexation Thermodynamics of Cyclodextrins. <i>Chemical Reviews</i> , 1998, 98, 1875-1918.	47.7	2,926
2	Chirality-Sensing Supramolecular Systems. <i>Chemical Reviews</i> , 2008, 108, 1-73.	47.7	1,032
3	Asymmetric photochemical reactions in solution. <i>Chemical Reviews</i> , 1992, 92, 741-770.	47.7	630
4	A rational strategy for the realization of chain-growth supramolecular polymerization. <i>Science</i> , 2015, 347, 646-651.	12.6	518
5	Circularly Polarized Luminescence and Circular Dichroisms in Small Organic Molecules: Correlation between Excitation and Emission Dissymmetry Factors. <i>ChemPhotoChem</i> , 2018, 2, 386-402.	3.0	504
6	Theoretical and Experimental Studies on Circular Dichroism of Carbo[<i>n</i>]helicenes. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7372-7385.	2.5	239
7	Supramolecular Catalysis of the Enantiodifferentiating [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylate by β -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2003, 125, 966-972.	13.7	207
8	Highly Stereoselective Photocyclodimerization of β -Cyclodextrin-Appended Anthracene Mediated by β -Cyclodextrin and Cucurbit[8]uril: A Dramatic Steric Effect Operating Outside the Binding Site. <i>Journal of the American Chemical Society</i> , 2008, 130, 8574-8575.	13.7	194
9	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6869-6873.	13.8	161
10	Symmetry-based rational design for boosting chiroptical responses. <i>Communications Chemistry</i> , 2018, 1, .	4.5	153
11	Supramolecular photochirogenesis. <i>Chemical Society Reviews</i> , 2014, 43, 4123-4143.	38.1	152
12	Entropy-Controlled Asymmetric Photochemistry: Switching of Product Chirality by Solvent. <i>Journal of the American Chemical Society</i> , 2000, 122, 406-407.	13.7	125
13	Electrostatic Manipulation of Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate within β -Cyclodextrin Cavity through Chemical Modification. Inverted Product Distribution and Enhanced Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2005, 127, 5338-5339.	13.7	117
14	Highly Enantiomeric Supramolecular [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Human Serum Albumin. <i>Journal of the American Chemical Society</i> , 2007, 129, 3478-3479.	13.7	114
15	Catalytic Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid Mediated by a Non-Sensitizing Chiral Metallosupramolecular Host. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6675-6677.	13.8	104
16	Pressure and Temperature Control of Product Chirality in Asymmetric Photochemistry. Enantiodifferentiating Photoisomerization of Cyclooctene Sensitized by Chiral Benzenepolycarboxylates. <i>Journal of the American Chemical Society</i> , 1998, 120, 10687-10696.	13.7	100
17	An optical yield that increases with temperature in a photochemically induced enantiomeric isomerization. <i>Nature</i> , 1989, 341, 225-226.	27.8	97
18	Dual Supramolecular Photochirogenesis: Ultimate Stereocontrol of Photocyclodimerization by a Chiral Scaffold and Confining Host. <i>Journal of the American Chemical Society</i> , 2011, 133, 13786-13789.	13.7	97

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19	Supramolecular Photochirogenesis Driven by Higher-Order Complexation: Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate to Slipped Cyclodimers via a 2:2 Complex with β -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2018, 140, 3959-3974.	13.7	88
20	Circular Dichroism of (Di)methyl- and Diaza[6]helicenes. A Combined Theoretical and Experimental Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 83-93.	2.5	84
21	Inclusion-Enhanced Optical Yield and E/Z Ratio in Enantiodifferentiating Photoisomerization of Cyclooctene Included and Sensitized by β -Cyclodextrin Monobenzoate. <i>Journal of the American Chemical Society</i> , 1995, 117, 11033-11034.	13.7	77
22	Supramolecular Photochirogenesis. 2. Enantiodifferentiating Photoisomerization of Cyclooctene Included and Sensitized by 6-O-Modified Cyclodextrins. <i>Journal of Organic Chemistry</i> , 2000, 65, 8041-8050.	3.2	76
23	Theoretical and Experimental Investigations of Circular Dichroism and Absolute Configuration Determination of Chiral Anthracene Photodimers. <i>Journal of the American Chemical Society</i> , 2012, 134, 4990-4997.	13.7	76
24	Photochirogenesis: multidimensional control of asymmetric photochemistry. <i>Chemical Communications</i> , 2000, , 251-259.	4.1	74
25	Pressure and Temperature-Controlled Enantiodifferentiating [4+4] Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Secondary Face- and Skeleton-Modified β -Cyclodextrins. <i>Journal of Organic Chemistry</i> , 2006, 71, 3126-3136.	3.2	74
26	Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid Mediated by β -Cyclodextrins with a Flexible or Rigid Cap. <i>Organic Letters</i> , 2006, 8, 3005-3008.	4.6	72
27	An Ultimate Stereocontrol in Supramolecular Photochirogenesis: Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Sulfur-Linked β -Cyclodextrin Dimers. <i>Journal of the American Chemical Society</i> , 2019, 141, 9225-9238.	13.7	70
28	Ammonia-Driven Chirality Inversion and Enhancement in Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Diguanidino- β -cyclodextrin. <i>Journal of the American Chemical Society</i> , 2014, 136, 6916-6919.	13.7	69
29	Synthesis and Characterization of Silica Nanotubes with Radially Oriented Mesopores. <i>Advanced Functional Materials</i> , 2008, 18, 541-550.	14.9	64
30	Explaining the Highly Enantiomeric Photocyclodimerization of 2-Anthracenecarboxylate Bound to Human Serum Albumin Using Time-Resolved Anisotropy Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 203-209.	13.7	62
31	Enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylate catalyzed by 6A,6X-diamino-6A,6X-dideoxy- β -cyclodextrins: Manipulation of product chirality by electrostatic interaction, temperature and solvent in supramolecular photochirogenesis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 173, 375-383.	3.9	60
32	Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Capped β -Cyclodextrins: Critical Control of Enantioselectivity by Cap Rigidity. <i>Journal of Organic Chemistry</i> , 2008, 73, 5786-5794.	3.2	58
33	Charge-transfer excitation: unconventional yet practical means for controlling stereoselectivity in asymmetric photoreactions. <i>Chemical Society Reviews</i> , 2013, 42, 8122.	38.1	57
34	Inherently Chiral Azonia[6]helicene-Modified β -Cyclodextrin: Synthesis, Characterization, and Chirality Sensing of Underivatized Amino Acids in Water. <i>Journal of Organic Chemistry</i> , 2016, 81, 3430-3434.	3.2	57
35	Experimental and Theoretical Study of the CD Spectra and Conformational Properties of Axially Chiral 2,2'-, 3,3'-, and 4,4'-Biphenol Ethers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 4222-4234.	2.5	56
36	Temperature and Solvent Control of the Stereoselectivity in the Reactions of Singlet Oxygen with Oxazolidinone-Substituted Enecarbamates. <i>Journal of the American Chemical Society</i> , 2004, 126, 10498-10499.	13.7	54

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37	Peptide Ribonucleic Acids (PRNA). 2. A Novel Strategy for Active Control of DNA Recognition through Borate Ester Formation. <i>Journal of the American Chemical Society</i> , 2000, 122, 6900-6910.	13.7	53
38	Combined Experimental and Theoretical Study on Circular Dichroism and Circularly Polarized Luminescence of Configurationally Robust D_3 -Symmetric Triple Pentahelicene. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7378-7384.	2.5	52
39	Enantiodifferentiating Photoisomerization of Cyclooctene Included and Sensitized by Aroyl- β -cyclodextrins: A Critical Enantioselectivity Control by Substituents. <i>Journal of Organic Chemistry</i> , 2008, 73, 7695-7701.	3.2	51
40	Theoretical and Experimental Studies of Circular Dichroism of Mono- and Diazonia[6]helicenes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 5082-5092.	2.5	49
41	Phase-Sensitive Supramolecular Chirogenesis in Bisporphyrin Systems. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1378-1381.	13.8	48
42	Metal-Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a C_{10} -Symmetric Double-Decker Nanoring. <i>Journal of the American Chemical Society</i> , 2015, 137, 7628-7631.	13.7	48
43	Novel α -Phenylenediseleno Bridged Bis (β -cyclodextrin)s Complexes with Platinum(IV) and Palladium(II) Ions. <i>Supramolecular Chemistry</i> , 1999, 10, 279-285.	1.2	45
44	Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. <i>Chemical Communications</i> , 2013, 49, 3510.	4.1	44
45	Axial Chirality of Donor-Donor, Donor-Acceptor, and Tethered 1,1'-Binaphthyls: A Theoretical Revisit with Dynamics Trajectories. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5488-5495.	2.5	43
46	Quantum Chemical Study on the Circular Dichroism Spectra and Specific Rotation of Donor-Acceptor Cyclophanes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7995-8006.	2.5	42
47	First Synthesis, Isolation and Characterization of Enantiomerically Pure and Inherently Chiral Resorc[4]arenes by Lewis Acid Cyclization of a Resorcinol Monoalkyl Ether. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1404-1409.	2.4	41
48	Wavelength-controlled supramolecular photocyclodimerization of anthracenecarboxylate mediated by β -cyclodextrins. <i>Chemical Communications</i> , 2011, 47, 6849.	4.1	41
49	Solvent and Temperature Effects on Diastereodifferentiating Paternò-Büchi Reaction of Chiral Alkyl Cyanobenzoates with Diphenylethene upon Direct versus Charge-Transfer Excitation. <i>Journal of Organic Chemistry</i> , 2010, 75, 5461-5469.	3.2	40
50	Competitive Enantiodifferentiating Anti-Markovnikov Photoaddition of Water and Methanol to 1,1-Diphenylpropene Using A Sensitizing Cyclodextrin Host. <i>Journal of Organic Chemistry</i> , 2009, 74, 6714-6727.	3.2	38
51	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 2017, 129, 6973-6977.	2.0	38
52	Cyclodextrin nanosponge-sensitized enantiodifferentiating photoisomerization of cyclooctene and 1,3-cyclooctadiene. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1305-1311.	2.2	36
53	Unique Dual Fluorescence of Sterically Congested Hexaalkyl Benzenehexacarboxylates: A Mechanism and Application to Viscosity Probing. <i>Journal of the American Chemical Society</i> , 2002, 124, 6942-6949.	13.7	35
54	Toroidal Interaction and Propeller Chirality of Hexaarylbenzenes. Dynamic Domino Inversion Revealed by Combined Experimental and Theoretical Circular Dichroism Studies. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 783-788.	4.6	35

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55	First photosensitized enantiodifferentiating isomerization by optically active sensitizer immobilized in zeolite supercages. <i>Chemical Communications</i> , 2001, , 1864-1865.	4.1	34
56	Enhanced Diastereoselectivity via Confinement: Photoisomerization of 2,3-Diphenylcyclopropane-1-carboxylic Acid Derivatives within Zeolites. <i>Journal of Organic Chemistry</i> , 2004, 69, 6533-6547.	3.2	34
57	Wavelength Control of Diastereodifferentiating Paternò-Büchi Reaction of Chiral Cyanobenzoates with Diphenylethene through Direct versus Charge-Transfer Excitation. <i>Journal of the American Chemical Society</i> , 2009, 131, 17076-17077.	13.7	34
58	Cooperative Multiple Recognition by Novel Calix[4]arene-Tethered β -Cyclodextrin and Calix[4]arene-Bridged Bis(β -cyclodextrin). <i>Journal of Organic Chemistry</i> , 2001, 66, 7209-7215.	3.2	33
59	Enantioselectivity of 2,2',3,5',6-Pentachlorobiphenyl (PCB 95) Atropisomers toward Ryanodine Receptors (RyRs) and Their Influences on Hippocampal Neuronal Networks. <i>Environmental Science & Technology</i> , 2017, 51, 14406-14416.	10.0	33
60	Pressure-driven, solvation-directed planar chirality switching of cyclophano-pillar[5]arenes (molecular universal joints). <i>Chemical Science</i> , 2021, 12, 4361-4366.	7.4	33
61	Combined Experimental and Quantum Chemical Investigation of Chiroptical Properties of Nicotinamide Derivatives with and without Intramolecular Cation- π Interactions. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8754-8764.	2.5	31
62	Supramolecular Photochirogenesis with a Higher-Order Complex: Highly Accelerated Exclusively Head-to-Head Photocyclodimerization of 2-Anthracenecarboxylic Acid via 2:2 Complexation with Prolinol. <i>Journal of the American Chemical Society</i> , 2016, 138, 12187-12201.	13.7	31
63	Regioselective [2 + 2]-photocycloaddition reactions of chiral tetronates— influence of temperature, pressure, and reaction medium. <i>Chemical Communications</i> , 2007, , 822-824.	4.1	30
64	A Combined Experimental and Theoretical Study on the Conformation of Multiarmed Chiral Aryl Ethers. <i>Journal of Organic Chemistry</i> , 2007, 72, 6998-7010.	3.2	29
65	Excited-State Dynamics Achieved Ultimate Stereocontrol of Photocyclodimerization of Anthracenecarboxylates on a Glucose Scaffold. <i>Journal of the American Chemical Society</i> , 2015, 137, 15007-15014.	13.7	28
66	Absolute Configuration of Atropisomeric Polychlorinated Biphenyl 183 Enantiomerically Enriched in Human Samples. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9340-9346.	2.5	27
67	Pressure control of enantiodifferentiating photoisomerization of cyclooctenes sensitized by chiral benzenepolycarboxylates. The origin of discontinuous pressure dependence of the optical yield. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4435.	2.8	26
68	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. <i>Soft Matter</i> , 2013, 9, 2302.	2.7	26
69	Enantiospecific Photochemical Transformations under Elevated Pressure. <i>Chemistry - A European Journal</i> , 2013, 19, 4327-4334.	3.3	26
70	Enantioselective [4+4] photodimerization of anthracene-2,6-dicarboxylic acid mediated by a C ₂ -symmetric chiral template. <i>Chemical Communications</i> , 2016, 52, 1032-1035.	4.1	25
71	Solvent and Temperature Effects on Dynamics and Chiroptical Properties of Propeller Chirality and Toroidal Interaction of Hexaarylbenzenes. <i>Journal of Physical Chemistry A</i> , 2018, 122, 7455-7463.	2.5	23
72	Complexation Thermodynamics of Crown Ethers. 6.1,2-Calorimetric Titration of Cation Complexation with Some Azacrown Ethers. <i>Journal of Organic Chemistry</i> , 1998, 63, 2144-2147.	3.2	22

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73	Discontinuous pressure effect upon enantiodifferentiating photosensitized isomerization of cyclooctene. <i>Chemical Communications</i> , 2002, , 1272-1273.	4.1	22
74	Experimental and Theoretical Studies on the Chiroptical Properties of Donor- π -Acceptor Binaphthyls. Effects of Dynamic Conformer Population on Circular Dichroism. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1809-1812.	4.6	22
75	Enantiodifferentiating photocyclodimerization of cyclohexene sensitized by chiral benzenecarboxylates. <i>Perkin Transactions II RSC</i> , 2000, , 737-747.	1.1	21
76	Bio-supramolecular photochirogenesis with molecular chaperone: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by prefoldin. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 655-660.	2.9	21
77	An exciting tool for asymmetric synthesis. <i>Nature</i> , 2018, 564, 197-199.	27.8	20
78	Enantioselective Recognition of Aliphatic Amino Acids by Organoselenium Modified β -Cyclodextrins. <i>Supramolecular Chemistry</i> , 1999, 10, 173-184.	1.2	19
79	Recent Theoretical and Experimental Advances in the Electronic Circular Dichroisms of Planar Chiral Cyclophanes. <i>Topics in Current Chemistry</i> , 2010, 298, 99-128.	4.0	19
80	Manipulating β -cyclodextrin-mediated photocyclodimerization of anthracenecarboxylate by wavelength, temperature, solvent and host. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 190-198.	2.9	19
81	pH-Independent Charge Resonance Mechanism for UV Protective Functions of Shinorine and Related Mycosporine-like Amino Acids. <i>Journal of Physical Chemistry A</i> , 2015, 119, 12722-12729.	2.5	19
82	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. <i>Journal of Organic Chemistry</i> , 2013, 78, 3073-3085.	3.2	18
83	Enantiodifferentiating photocyclodimerization of cyclohexa-1,3-diene sensitized by chiral arenecarboxylates. <i>Perkin Transactions II RSC</i> , 2000, , 77-84.	1.1	17
84	Conformation Elucidation of Tethered Donor- π -Acceptor Binaphthyls from the Anisotropy Factor of a Charge-Transfer Band. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2402-2405.	4.6	17
85	Inherently Chiral Resorcin[4]arenes with Urea and Amide Side Arms: Synthesis, Structure and Chiral Recognition. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1240-1245.	2.4	17
86	Direct Thin μ -Layer Chromatographic Separation of Enantiomers of Six selected Amino Acids Using 2-O-[(R)-2-Hydroxypropyl]- β -CD as a Mobile Phase Additive. <i>Analytical Letters</i> , 1995, 28, 2041-2048.	1.8	16
87	Supramolecular FRET photocyclodimerization of anthracenecarboxylate with naphthalene-capped β -cyclodextrin. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 290-297.	2.2	16
88	Entropy-Driven Diastereoselectivity Improvement in the Patern β -Schick Reaction of 1-Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4880-4885.	13.8	16
89	Microcalorimetry. , 2006, , 199-230.		15
90	Molecular Recognition Studies on Supramolecular Systems. 29. Anilino- and <i>m</i> -Toluidino- β -Cyclodextrins: Structural and Conformational Analyses and Molecular Recognition of Aliphatic Alcohols. <i>Supramolecular Chemistry</i> , 2000, 12, 299-316.	1.2	14

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91	Chiral ionic liquid-mediated photochirogenesis. Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7105.	2.8	14
92	Mammalian serum albumins as a chiral mediator library for bio-supramolecular photochirogenesis: optimizing enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate. <i>Chemical Communications</i> , 2014, 50, 14082-14085.	4.1	13
93	Solvent- and phase-controlled photochirogenesis. Enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by cyclic nigerosyl/nigerose-based nanosponges crosslinked by pyromellitate. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2905-2912.	2.8	13
94	Hydrostatic Pressure-Induced Spectral Variation of Reichardt's Dye: A Polarity/Pressure Dual Indicator. <i>ACS Omega</i> , 2020, 5, 897-903.	3.5	13
95	Photoinduced Electron-Transfer Oxidation of Olefins with Molecular Oxygen Sensitized by Tetrasubstituted Dimethoxybenzenes: A Non-Singlet-Oxygen Mechanism. <i>Helvetica Chimica Acta</i> , 2001, 84, 2693.	1.6	12
96	Oligosaccharide Sensing in Aqueous Media by Porphyrin-Curdlan Conjugates: A PrÃªtÃªÃª-Porter Rather Than HauteÃªCouture Approach. <i>Chemistry - A European Journal</i> , 2017, 23, 11272-11278.	3.3	12
97	Chiral recognition and supramolecular photoreaction of 1,1Ãª²-binaphthol with bovine and human serum albumins. <i>Research on Chemical Intermediates</i> , 2013, 39, 371-383.	2.7	11
98	Catalytic BioÃªSupramolecular Photochirogenesis: BatchÃªOperated Enantiodifferentiating Photocyclodimerization of 2ÃªAnthracenecarboxylate with Human Serum Albumin. <i>ChemCatChem</i> , 2013, 5, 3237-3240.	3.7	11
99	Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9741-9750.	2.8	11
100	Photochirogenic nanosponges: phase-controlled enantiodifferentiating photoisomerization of (Z)-cyclooctene sensitized by pyromellitate-crosslinked linear maltodextrin. <i>RSC Advances</i> , 2017, 7, 17184-17192.	3.6	11
101	A Supramolecular Strategy for Enhancing Photochirogenic Performance through Host/Guest Modification: Dicationic I³-Cyclodextrin-Mediated Photocyclodimerization of 2,6-Anthracenedicarboxylate. <i>Organic Letters</i> , 2020, 22, 9757-9761.	4.6	11
102	Protonation-Induced Sign Inversion of the Cotton Effects of Pyridinophanes. A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2017, 121, 977-985.	2.5	10
103	Complexation Thermodynamics of p-tert-Butylcalix[4]arene Derivatives with Light Lanthanoid Nitrates in Acetonitrile. <i>Supramolecular Chemistry</i> , 2001, 13, 529-537.	1.2	9
104	Optical Trapping-Induced New Polymorphism of I²-Cyclodextrin in Unsaturated Solution. <i>Crystal Growth and Design</i> , 2021, 21, 6913-6923.	3.0	9
105	Supramolecular complexation and photocyclodimerization of methyl 3-methoxy-2-naphthoate with modified I³-cyclodextrins. <i>Pure and Applied Chemistry</i> , 2011, 83, 769-778.	1.9	8
106	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. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8389-8398.	2.5	8
107	Circular Dichroisms of Mono- and Dibromo[2.2]paracyclophanes: A Combined Experimental and Theoretical Study. <i>ACS Omega</i> , 2018, 3, 22-29.	3.5	8
108	Contrasting Behaviour of Exciplex Ensembles in the Diastereodifferentiating PaternÃª²Ãª"BÃª¼chi Reaction of Chiral Cyanobenzoate with Naphthyl- and Phenylethenes on Direct or Charge-Transfer Excitation. <i>Australian Journal of Chemistry</i> , 2015, 68, 1693.	0.9	7

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109	Conformational switching of ethano-bridged Cu ₂ -bis-porphyrin induced by aromatic amines. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 2154-2160.	2.8	7
110	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 36, 311-325.	1.6	6
111	Experimental and theoretical investigations of circular dichroism of donor-acceptor 1,1'-binaphthyls: Influence of substitution on the coupling amplitude and cotton effect of the charge-transfer band. <i>Chirality</i> , 2011, 23, E22-7.	2.6	6
112	Absolute configuration determination through the unique intramolecular excitonic coupling in the circular dichroisms of o,p'-DDT and o,p'-DDD. A combined experimental and theoretical study. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 606-610.	2.9	5
113	Molecular Recognition of Aliphatic Alcohols and Carboxylic Acid by Chromophoric Cyclodextrins. <i>Supramolecular Chemistry</i> , 2000, 12, 243-253.	1.2	4
114	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. <i>Chemistry Letters</i> , 2016, 45, 350-352.	1.3	4
115	Chiroptical properties of dithia[3.3]cyclophanes composed of anthracene and pyridine/pyridinium moieties: A combined experimental and theoretical study. <i>Chirality</i> , 2017, 29, 677-683.	2.6	4
116	Synthesis and crystal structure of [Y(NO ₃) ₃ (OH ₂) ₃](Me ₂ -16-crown-5)·H ₂ O. <i>Journal of Chemical Crystallography</i> , 1998, 28, 197-201.	1.1	3
117	Molecular Design of Crown Ethers. 17[1]. Complexation Thermodynamics of Light Lanthanoid Nitrates with <i>N</i> -Benzylaza-21-crown-7 in Acetonitrile. <i>Supramolecular Chemistry</i> , 2000, 11, 239-245.	1.2	3
118	Peptide Ribonucleic Acid (PRNA)-Arginine Hybrids. Effects of Arginine Residues Alternatingly Introduced to PRNA Backbone on Aggregation, Cellular Uptake, and Cytotoxicity. <i>Chemistry Letters</i> , 2018, 47, 381-384.	1.3	3
119	X-ray observations of single bio-supramolecular photochirogenesis. <i>Biophysical Chemistry</i> , 2018, 242, 1-5.	2.8	3
120	Recognition control of the nucleic acid model through conformational switching of nucleobase induced by borate ester formation of cis-2',3'-diol. <i>Nucleic Acids Symposium Series</i> , 1999, 42, 145-146.	0.3	2
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