

Yoshihisa Inoue

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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. <i>Chemical Reviews</i> , 1998 , 98, 1875-1918	68.1	2627
145	Chirality-sensing supramolecular systems. <i>Chemical Reviews</i> , 2008 , 108, 1-73	68.1	936
144	Asymmetric photochemical reactions in solution. <i>Chemical Reviews</i> , 1992 , 92, 741-770	68.1	543
143	Noncovalent assembly. A rational strategy for the realization of chain-growth supramolecular polymerization. <i>Science</i> , 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. <i>ChemPhotoChem</i> , 2018 , 2, 386-402	3.3	291
141	Supramolecular catalysis of the enantiodifferentiating [4 + 4] photocyclodimerization of 2-anthracenecarboxylate by gamma-cyclodextrin. <i>Journal of the American Chemical Society</i> , 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. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8574-5	16.4	176
139	Theoretical and experimental studies on circular dichroism of carbo[n]helicenes. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 7372-85	2.8	175
138	Supramolecular photochirogenesis. <i>Chemical Society Reviews</i> , 2014 , 43, 4123-43	58.5	125
137	Highly enantiomeric supramolecular [4 + 4] photocyclodimerization of 2-anthracenecarboxylate mediated by human serum albumin. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3478-9	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. <i>Journal of the American Chemical Society</i> , 2005 , 127, 5338-9	16.4	106
135	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6869-6873	16.4	103
134	Entropy-Controlled Asymmetric Photochemistry: Switching of Product Chirality by Solvent. <i>Journal of the American Chemical Society</i> , 2000 , 122, 406-407	16.4	102
133	Catalytic enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by a non-sensitizing chiral metallosupramolecular host. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6675-7	16.4	94
132	Symmetry-based rational design for boosting chiroptical responses. <i>Communications Chemistry</i> , 2018 , 1,	6.3	93
131	Dual supramolecular photochirogenesis: ultimate stereocontrol of photocyclodimerization by a chiral scaffold and confining host. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13786-9	16.4	89
130	An optical yield that increases with temperature in a photochemically induced enantiomeric isomerization. <i>Nature</i> , 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. <i>Journal of the American Chemical Society</i> , 1998 , 120, 10687-10696	16.4	81
128	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	2.8	71
127	Pressure and temperature-controlled enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylate mediated by secondary face- and skeleton-modified gamma-cyclodextrins. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3126-36	4.2	71
126	Supramolecular photochirogenesis. 2. Enantiodifferentiating photoisomerization of cyclooctene included and sensitized by 6-O-modified cyclodextrins. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8041-50	4.2	71
125	Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by gamma-cyclodextrins with a flexible or rigid cap. <i>Organic Letters</i> , 2006 , 8, 3005-8	6.2	69
124	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, 4990-7	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 β -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3959-3974	16.4	67
122	Photochirogenesis: multidimensional control of asymmetric photochemistry. <i>Chemical Communications</i> , 2000 , 251-259	5.8	66
121	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	16.4	66
120	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, 6916-9	16.4	61
119	Synthesis and Characterization of Silica Nanotubes with Radially Oriented Mesopores. <i>Advanced Functional Materials</i> , 2008 , 18, 541-550	15.6	60
118	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 Physical Chemistry A</i> , 2007 , 111, 3753-3763	4.7	59
117	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, 203-9	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. <i>Journal of Physical Chemistry A</i> , 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. <i>Journal of Organic Chemistry</i> , 2008 , 73, 5786-94	4.2	53
114	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, 7695-701	4.2	49
113	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, 10498-9	16.4	49
112	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	16.4	44

111	Charge-transfer excitation: unconventional yet practical means for controlling stereoselectivity in asymmetric photoreactions. <i>Chemical Society Reviews</i> , 2013 , 42, 8122-33	58.5	43
110	Novel o-Phenylenediseleno Bridged Bis (βCyclodextrin)s Complexes with Platinum(IV) and Palladium(II) Ions. <i>Supramolecular Chemistry</i> , 1999 , 10, 279-285	1.8	43
109	Inherently Chiral Azonia[6]helicene-Modified βCyclodextrin: Synthesis, Characterization, and Chirality Sensing of Underivatized Amino Acids in Water. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3430-4	4.2	42
108	Theoretical and experimental studies of circular dichroism of mono- and diazonia[6]helicenes. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 5082-92	2.8	41
107	An Ultimate Stereocontrol in Supramolecular Photochirogenesis: Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Sulfur-Linked βCyclodextrin Dimers. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9225-9238	16.4	39
106	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	2.8	39
105	Phase-sensitive supramolecular chirogenesis in bisporphyrin systems. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1378-81	16.4	39
104	Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. <i>Chemical Communications</i> , 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. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7628-31	16.4	37
102	Wavelength-controlled supramolecular photocyclodimerization of anthracenecarboxylate mediated by βcyclodextrins. <i>Chemical Communications</i> , 2011 , 47, 6849-51	5.8	37
101	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, 5488-95	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. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 1404-1409	3.2	36
99	Unique dual fluorescence of sterically congested hexaalkyl benzenehexacarboxylates: mechanism and application to viscosity probing. <i>Journal of the American Chemical Society</i> , 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. <i>Journal of Organic Chemistry</i> , 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. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6714-27	4.2	33
96	Cyclodextrin nanosponge-sensitized enantiodifferentiating photoisomerization of cyclooctene and 1,3-cyclooctadiene. <i>Beilstein Journal of Organic Chemistry</i> , 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). <i>Journal of Organic Chemistry</i> , 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. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 8754-64	2.8	31

93	Enhanced diastereoselectivity via confinement: photoisomerization of 2,3-diphenylcyclopropane-1-carboxylic acid derivatives within zeolites. <i>Journal of Organic Chemistry</i> , 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. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 7378-7384	2.8	31
91	First photosensitized enantiodifferentiating isomerization by optically active sensitizer immobilized in zeolite supercages. <i>Chemical Communications</i> , 2001 , 1864-5	5.8	30
90	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 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. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17076-7	16.4	28
88	A combined experimental and theoretical study on the conformation of multiarmed chiral aryl ethers. <i>Journal of Organic Chemistry</i> , 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. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 783-8	6.4	27
86	Regioselective [2 + 2]-photocycloaddition reactions of chiral tetronates-influence of temperature, pressure, and reaction medium. <i>Chemical Communications</i> , 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. <i>Soft Matter</i> , 2013 , 9, 2302	3.6	25
84	Absolute configuration of atropisomeric polychlorinated biphenyl 183 enantiomerically enriched in human samples. <i>Journal of Physical Chemistry A</i> , 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. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 4435-40	3.9	24
82	Excited-State Dynamics Achieved Ultimate Stereocontrol of Photocyclodimerization of Anthracenecarboxylates on a Glucose Scaffold. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15007-14	16.4	23
81	Enantiospecific photochemical transformations under elevated pressure. <i>Chemistry - A European Journal</i> , 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. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12187-201	16.4	23
79	Enantioselectivity of 2,2',5,5'-Pentachlorobiphenyl (PCB 95) Atropisomers toward Ryanodine Receptors (RyRs) and Their Influences on Hippocampal Neuronal Networks. <i>Environmental Science & Technology</i> , 2017 , 51, 14406-14416	10.3	22
78	Experimental and Theoretical Studies on the Chiroptical Properties of Donor-Acceptor Binaphthyls. Effects of Dynamic Conformer Population on Circular Dichroism. <i>Journal of Physical Chemistry Letters</i> , 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. <i>Chemical Communications</i> , 2016 , 52, 1032-5	5.8	21
76	Bio-supramolecular photochirogenesis with molecular chaperone: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by prefoldin. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 655-60	4.2	21

75	Discontinuous pressure effect upon enantiodifferentiating photosensitized isomerization of cyclooctene. <i>Chemical Communications</i> , 2002 , 1272-3	5.8	19
74	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	4.2	19
73	Recent theoretical and experimental advances in the electronic circular dichroisms of planar chiral cyclophanes. <i>Topics in Current Chemistry</i> , 2011 , 298, 99-128		18
72	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	2.8	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. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3073-85	4.2	17
70	Conformation Elucidation of Tethered Donor-Acceptor Binaphthyls from the Anisotropy Factor of a Charge-Transfer Band. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 2402-2405	6.4	17
69	Manipulating Cyclodextrin-mediated photocyclodimerization of anthracenecarboxylate by wavelength, temperature, solvent and host. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 190-8	4.2	15
68	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	3.2	15
67	Supramolecular FRET photocyclodimerization of anthracenecarboxylate with naphthalene-capped Cyclodextrin. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 290-7	2.5	15
66	Enantiodifferentiating photocyclodimerization of cyclohexene sensitized by chiral benzenecarboxylates. <i>Perkin Transactions II RSC</i> , 2000 , 737-747		15
65	Enantioselective Recognition of Aliphatic Amino Acids by Organoselenium Modified Cyclodextrins. <i>Supramolecular Chemistry</i> , 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. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 12722-9	2.8	14
63	Chiral ionic liquid-mediated photochirogenesis. Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid. <i>Organic and Biomolecular Chemistry</i> , 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. <i>Perkin Transactions II RSC</i> , 2000 , 77-84		14
60	Mammalian serum albumins as a chiral mediator library for bio-supramolecular photochirogenesis: optimizing enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate. <i>Chemical Communications</i> , 2014 , 50, 14082-5	5.8	13
59	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, 2905-12	3.9	13
58	Molecular Recognition Studies on Supramolecular Systems. 29. Anilino- and m-Toluidino-Cyclodextrins: Structural and Conformational Analyses and Molecular Recognition of Aliphatic Alcohols. <i>Supramolecular Chemistry</i> , 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]-ECD as a Mobile Phase Additive. <i>Analytical Letters</i> , 1995 , 28, 2041-2048	2.2	12
56	Catalytic Bio-Supramolecular Photochirogenesis: Batch-Operated Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Human Serum Albumin. <i>ChemCatChem</i> , 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. <i>RSC Advances</i> , 2017 , 7, 17184-17192	3.7	10
52	Hydrostatic Pressure-Induced Spectral Variation of Reichardt's Dye: A Polarity/Pressure Dual Indicator. <i>ACS Omega</i> , 2020 , 5, 897-903	3.9	10
51	Chiral recognition and supramolecular photoreaction of 1,1'-binaphthol with bovine and human serum albumins. <i>Research on Chemical Intermediates</i> , 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. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 977-985	2.8	9
48	Oligosaccharide Sensing in Aqueous Media by Porphyrin-Curdlan Conjugates: A PrE-Porter Rather Than Haute-Couture Approach. <i>Chemistry - A European Journal</i> , 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. <i>Helvetica Chimica Acta</i> , 2001 , 84, 2693	2	9
46	Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9741-9750	3.9	9
45	Entropy-Driven Diastereoselectivity Improvement in the PaternB̈ohi Reaction of 1-Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4880-4885	16.4	8
44	Complexation Thermodynamics of p-tert-Butylcalix[4]arene Derivatives with Light Lanthanoid Nitrates in Acetonitrile. <i>Supramolecular Chemistry</i> , 2001 , 13, 529-537	1.8	8
43	Pressure-driven, solvation-directed planar chirality switching of cyclophano-pillar[5]arenes (molecular universal joints). <i>Chemical Science</i> , 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. <i>Journal of Physical Chemistry A</i> , 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 Eyclodextrins. <i>Pure and Applied Chemistry</i> , 2011 , 83, 769-778	2.1	7

39	Circular Dichroisms of Mono- and Dibromo[2.2]paracyclophanes: A Combined Experimental and Theoretical Study. <i>ACS Omega</i> , 2018 , 3, 22-29	3.9	6
38	Contrasting Behaviour of Exciplex Ensembles in the Diastereodifferentiating PaternBöhi Reaction of Chiral Cyanobenzoate with Naphthyl- and Phenylethenes on Direct or Charge-Transfer Excitation. <i>Australian Journal of Chemistry</i> , 2015 , 68, 1693	1.2	6
37	Conformational switching of ethano-bridged Cu,H ₂ -bis-porphyrin induced by aromatic amines. <i>Beilstein Journal of Nanotechnology</i> , 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. <i>Chirality</i> , 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 βCyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 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. <i>Chirality</i> , 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 βCyclodextrin-Mediated Photocyclodimerization of 2,6-Anthracenedicarboxylate. <i>Organic Letters</i> , 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. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 606-610	4.2	3
30	X-ray observations of single bio-supramolecular photochirogenesis. <i>Biophysical Chemistry</i> , 2018 , 242, 1-5	3.5	3
29	Templating Photoreactions in Solution 2011 , 53-86		3
28	Structural Aspects and Templatation of Photochemistry in Solid-State Supramolecular Systems 2011 , 229-266		3
27	Molecular Recognition of Aliphatic Alcohols and Carboxylic Acid by Chromophoric Cyclodextrins. <i>Supramolecular Chemistry</i> , 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. <i>Supramolecular Chemistry</i> , 2000 , 11, 239-245	1.8	3
25	Module Strategy for Peptide Ribonucleic Acid (PRNA)DNA and PRNAPeptide Nucleic Acid (PNA)DNA Chimeras: Synthesis and Interaction of Chimeras with DNA and RNA. <i>Chemistry Letters</i> , 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(NO ₃) ₃ (OH ₂) ₃][Me ₂ -16-crown-5]H ₂ O. <i>Journal of Chemical Crystallography</i> , 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. <i>Chemistry Letters</i> , 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. <i>Chemistry Letters</i> , 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. <i>Journal of Physical Chemistry Letters</i> , 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. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3385-3395	3.2	1
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