List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cyclodextrins with Multiple Pyrenyl Groups: An Approach to Organic Molecules Exhibiting Bright Excimer Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2022, 61, e202114700.	13.8	39
2	Fluorescein-Based Type I Supramolecular Photosensitizer via Induction of Charge Separation by Self-Assembly. Jacs Au, 2022, 2, 1472-1478.	7.9	23
3	Visible Light-Induced Regio- and Enantiodifferentiating [2 + 2] Photocycloaddition of 1,4-Naphthoquinones Mediated by Oppositely Coordinating 1,3,2-Oxazaborolidine Chiral Lewis Acid. Journal of Organic Chemistry, 2022, 87, 8071-8083.	3.2	3
4	Differences in Enantioselective Hydroxylation of 2,2′,3,6-Tetrachlorobiphenyl (CB45) and 2,2′,3,4′,6-Pentachlorobiphenyl (CB91) by Human and Rat CYP2B Subfamilies. Environmental Science &amı Technology, 2022, 56, 10204-10215.	p; 10.0	2
5	Chiroptical Properties of Symmetric Double, Triple, and Multiple Helicenes. Chemical Reviews, 2021, 121, 2373-2412.	47.7	334
6	Synthesis, Structure, and Chiroptical Properties of Indolo―and Pyridopyrroloâ€Carbazoleâ€Based <i>C<sub>2</sub></i> â€Symmetric Azahelicenes. Chemistry - A European Journal, 2021, 27, 7356-7361.	3.3	12
7	Overtemperature-protection intelligent molecular chiroptical photoswitches. Nature Communications, 2021, 12, 2600.	12.8	66
8	A cyanine dye based supramolecular photosensitizer enabling visible-light-driven organic reaction in water. Chemical Communications, 2021, 57, 11217-11220.	4.1	12
9	Aggregation-induced photocatalytic activity and efficient photocatalytic hydrogen evolution of amphiphilic rhodamines in water. Chemical Science, 2020, 11, 11843-11848.	7.4	19
10	Enhancing Photostability of a Coumarin Dye by Selfâ€inclusion into a Cyclodextrin Cavity in Aqueous Solution and Living Cells. Asian Journal of Organic Chemistry, 2020, 9, 2112-2115.	2.7	4
11	Relevance of the Entropy Factor in Stereoselectivity Control of Asymmetric Photoreactions. Synlett, 2020, 31, 1259-1267.	1.8	7
12	Irreverent Nature of Dissymmetry Factor and Quantum Yield in Circularly Polarized Luminescence of Small Organic Molecules. Frontiers in Chemistry, 2020, 8, 448.	3.6	72
13	Enantiodifferentiating Photodimerization of a 2,6â€Disubstituted Anthracene Assisted by Supramolecular Doubleâ€Helix Formation with Chiral Amines. Angewandte Chemie, 2020, 132, 7548-7556.	2.0	5
14	Enantiodifferentiating Photodimerization of a 2,6â€Disubstituted Anthracene Assisted by Supramolecular Doubleâ€Helix Formation with Chiral Amines. Angewandte Chemie - International Edition, 2020, 59, 7478-7486.	13.8	15
15	A Thioxanthone Sensitizer with a Chiral Phosphoric Acid Binding Site: Properties and Applications in Visible Lightâ€Mediated Cycloadditions. Chemistry - A European Journal, 2020, 26, 5190-5194.	3.3	36
16	Figureâ€eight Octaphyrin Bisâ€Ge(IV) Complexes: Synthesis, Structures, Aromaticity, and Chiroptical Properties. Chemistry - an Asian Journal, 2020, 15, 1440-1448.	3.3	13
17	Combined Experimental and Theoretical Studies on Planar Chirality of Partially Overlapped <i>C</i> <sub>2</sub> -Symmetric [3.3](3,9)Dicarbazolophanes. Journal of Physical Chemistry A, 2020, 124, 2057-2063.	2.5	17
18	Innenrücktitelbild: Enantiodifferentiating Photodimerization of a 2,6â€Disubstituted Anthracene Assisted by Supramolecular Doubleâ€Helix Formation with Chiral Amines (Angew. Chem. 19/2020). Angewandte Chemie, 2020, 132, 7695-7695.	2.0	0

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19	Frontiers of Circularly Polarized Luminescence Chemistry of Isolated Small Organic Molecules. , 2020, , 1-10.		3
20	Propeller Chirality: Circular Dichroism and Circularly Polarized Luminescence. , 2020, , 151-175.		3
21	Synergetic Photon Upconversion Realized by a Controlled Toroidal Interaction in Hexaarylbenzene Derivatives. , 2020, , 287-300.		0
22	Sign Control of Circularly Polarized Luminescence Based on Geometric Arrangement of Fluorescent Pyrene Units in a Binaphthyl Scaffold. Chemistry Letters, 2019, 48, 874-876.	1.3	13
23	Transient Circular Dichroism Measurement of the Excited Triplet State of Pristine Hexahelicene in Solution at Room Temperature. Chemistry Letters, 2019, 48, 357-360.	1.3	6
24	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.	13.7	70
25	Diastereoselective Photocycloaddition Reaction of Vinyl Ether Tethered to 1,4â€Naphthoquinone. ChemPhotoChem, 2019, 3, 243-250.	3.0	2
26	Hydrostatic Pressure on Toroidal Interaction and Propeller Chirality of Hexaarylbenzenes: Explicit Solvent Effects on Differential Volumes in Methylcyclohexane and Hexane. Chemistry - A European Journal, 2019, 25, 2011-2018.	3.3	22
27	1,8â€Diphenylâ€9,10â€Bis(arylethynyl)phenanthrenes: Synthesis, Distorted Structure, and Optical Properties. Chemistry - A European Journal, 2018, 24, 6625-6631.	3.3	10
28	Supramolecular Photochirogenesis Driven by Higher-Order Complexation: Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate to Slipped Cyclodimers via a 2:2 Complex with β-Cyclodextrin. Journal of the American Chemical Society, 2018, 140, 3959-3974.	13.7	88
29	Circularly Polarized Luminescence and Circular Dichroisms in Small Organic Molecules: Correlation between Excitation and Emission Dissymmetry Factors. ChemPhotoChem, 2018, 2, 386-402.	3.0	504
30	Entropyâ€Driven Diastereoselectivity Improvement in the Paternò–Büchi Reaction of 1â€Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. Angewandte Chemie - International Edition, 2018, 57, 4880-4885.	13.8	16
31	Circular Dichroisms of Mono- and Dibromo[2.2]paracyclophanes: A Combined Experimental and Theoretical Study. ACS Omega, 2018, 3, 22-29.	3.5	8
32	Synthesis, Structures, and Optical Properties of Azahelicene Derivatives and Unexpected Formation of Azahepta[8]circulenes. Chemistry - A European Journal, 2018, 24, 7489-7497.	3.3	36
33	A BODIPY-based near infrared fluorescent probe for Fe3+ in water. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 78-83.	3.9	22
34	Porphyrinâ€Based Airâ€Stable Helical Radicals. Chemistry - A European Journal, 2018, 24, 572-575.	3.3	52
35	Frontispiece: Entropy-Driven Diastereoselectivity Improvement in the Paternò-Büchi Reaction of 1-Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. Angewandte Chemie - International Edition, 2018, 57, .	13.8	0
36	Entropyâ€Driven Diastereoselectivity Improvement in the Paternò–Büchi Reaction of 1â€Naphthyl Aryl Ethenes with a Chiral Cyanobenzoate through Remote Alkylation. Angewandte Chemie, 2018, 130, 4974-4979.	2.0	1

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37	Frontispiz: 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, .	2.0	0
38	Spiroborate-Based Double-Stranded Helicates: <i>Meso</i> -to- <i>Racemo</i> Isomerization and Ion-Triggered Springlike Motion of the <i>Racemo</i> -Helicate. Journal of the American Chemical Society, 2018, 140, 17027-17039.	13.7	36
39	Selective Formation of Helical Tetrapyrrinâ€fused Porphyrins by Oxidation of betaâ€toâ€beta Linked mesoâ€Aminoporphyrin Dimers. Chemistry - A European Journal, 2018, 25, 1711-1715.	3.3	6
40	Significant Enhancement of Absorption and Luminescence Dissymmetry Factors in the Far-Red Region: A Zinc(II) Homoleptic Helicate Formed by a Pair of Achiral Dipyrromethene Ligands. Chemistry - A European Journal, 2018, 24, 16889-16894.	3.3	40
41	Preface for special issue on photosynergetics. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2018, 34, 1.	11.6	1
42	Combined Experimental and Theoretical Study on Circular Dichroism and Circularly Polarized Luminescence of Configurationally Robust <i>D</i> <sub>3</sub> -Symmetric Triple Pentahelicene. Journal of Physical Chemistry A, 2018, 122, 7378-7384.	2.5	52
43	Symmetry-based rational design for boosting chiroptical responses. Communications Chemistry, 2018, 1, .	4.5	153
44	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.	2.5	23
45	M¶bius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. Angewandte Chemie - International Edition, 2017, 56, 3982-3986.	13.8	22
46	Sui Generis Helicene-Based Supramolecular Chirogenic System: Enantioselective Sensing, Solvent Control, and Application in Chiral Group Transfer Reaction. ACS Omega, 2017, 2, 592-598.	3.5	16
47	Absolute configuration determination through the unique intramolecular excitonic coupling in the circular dichroisms of 0,p′-DDT and 0,p′-DDD. A combined experimental and theoretical study. Photochemical and Photobiological Sciences, 2017, 16, 606-610.	2.9	5
48	Temperatureâ€Driven Planar Chirality Switching of a Pillar[5]areneâ€Based Molecular Universal Joint. Angewandte Chemie - International Édition, 2017, 56, 6869-6873.	13.8	161
49	Propeller Chirality of Boron Heptaaryldipyrromethene: Unprecedented Supramolecular Dimerization and Chiroptical Properties. Journal of Physical Chemistry Letters, 2017, 8, 42-48.	4.6	36
50	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.	2.5	10
51	Oligosaccharide Sensing in Aqueous Media by Porphyrin–Curdlan Conjugates: A Prêtâ€Ã¡â€Porter Rather Than Hauteâ€Couture Approach. Chemistry - A European Journal, 2017, 23, 11272-11278.	3.3	12
52	Temperatureâ€Driven Planar Chirality Switching of a Pillar[5]areneâ€Based Molecular Universal Joint. Angewandte Chemie, 2017, 129, 6973-6977.	2.0	38
53	Temperature Dynamics of Single Molecular Antifreeze Protein. Biophysical Journal, 2017, 112, 323a.	0.5	0
54	Möbius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. Angewandte Chemie, 2017, 129, 4040-4044.	2.0	6

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55	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of <i>ortho</i> â€Phenyleneâ€Bridged Cyclic Hexapyrroles and Hexathiophenes. Angewandte Chemie, 2017, 129, 14880-14885.	2.0	24
56	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.	2.5	8
57	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of <i>ortho</i> â€Phenyleneâ€Bridged Cyclic Hexapyrroles and Hexathiophenes. Angewandte Chemie - International Edition, 2017, 56, 14688-14693.	13.8	47
58	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.	2.6	4
59	Energetics of Baird aromaticity supported by inversion of photoexcited chiral [4n]annulene derivatives. Nature Communications, 2017, 8, 346.	12.8	86
60	Intense redox-driven chiroptical switching with a 580 mV hysteresis actuated through reversible dimerization of an azoniahelicene. Chemical Communications, 2017, 53, 9059-9062.	4.1	31
61	Enantioselectivity of 2,2′,3,5′,6-Pentachlorobiphenyl (PCB 95) Atropisomers toward Ryanodine Receptors (RyRs) and Their Influences on Hippocampal Neuronal Networks. Environmental Science & Technology, 2017, 51, 14406-14416.	10.0	33
62	Asymmetric Photochemical Synthesis Based on Selective Excitation of Charge-Transfer Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 144-152.	0.1	0
63	Dynamic propeller conformation for the unprecedentedly high degree of chiral amplification of supramolecular helices. Chemical Science, 2016, 7, 6689-6694.	7.4	76
64	Critical control by scaffold flexibility achieved in diastereodifferentiating photocyclodimerization of 2-anthracenecarboxylate. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 76-83.	3.9	3
65	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, 3430-3434.	3.2	57
66	Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. Organic and Biomolecular Chemistry, 2016, 14, 9741-9750.	2.8	11
67	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, 12187-12201.	13.7	31
68	Yoshihisa Inoue—A researcher's quest for photochirogenesis. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 2-7.	3.9	7
69	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.	4.6	1
70	Optical Activity and Optical Anisotropy in Photomechanical Crystals of Chiral Salicylidenephenylethylamines. Journal of the American Chemical Society, 2016, 138, 15066-15077.	13.7	48
71	Combined Experimental and Theoretical Investigations on Optical Activities of Möbius Aromatic and Möbius Antiaromatic Hexaphyrin Phosphorus Complexes. Journal of Physical Chemistry A, 2016, 120, 4241-4248.	2.5	29
72	Enhanced asymmetric photocycloaddition of anthracene tethered to maleate versus fumarate through non-fluorescent exciplex intermediate. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 102-109.	3.9	3

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73	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, 783-788.	4.6	35
74	Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. Journal of Physical Chemistry A, 2016, 120, 1867-1875.	2.5	133
75	Highly enantiodifferentiating site of human serum albumin for mediating photocyclodimerization of 2-anthracenecarboxylate elucidated by site-specific inhibition/quenching with xenon. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 89-94.	3.9	2
76	Enantioselective [4+4] photodimerization of anthracene-2,6-dicarboxylic acid mediated by a C <sub>2</sub> -symmetric chiral template. Chemical Communications, 2016, 52, 1032-1035.	4.1	25
77	Contrasting Behaviour of Exciplex Ensembles in the Diastereodifferentiating Paternò–Büchi Reaction of Chiral Cyanobenzoate with Naphthyl- and Phenylethenes on Direct or Charge-Transfer Excitation. Australian Journal of Chemistry, 2015, 68, 1693.	0.9	7
78	Metal–Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a <i>C</i> <sub>10</sub> -Symmetric Double-Decker Nanoring. Journal of the American Chemical Society, 2015, 137, 7628-7631.	13.7	48
79	Excited-State Dynamics Achieved Ultimate Stereocontrol of Photocyclodimerization of Anthracenecarboxylates on a Glucose Scaffold. Journal of the American Chemical Society, 2015, 137, 15007-15014.	13.7	28
80	pH-Independent Charge Resonance Mechanism for UV Protective Functions of Shinorine and Related Mycosporine-like Amino Acids. Journal of Physical Chemistry A, 2015, 119, 12722-12729.	2.5	19
81	A rational strategy for the realization of chain-growth supramolecular polymerization. Science, 2015, 347, 646-651.	12.6	518
82	Helix Sense-Selective Supramolecular Polymerization Seeded by a One-Handed Helical Polymeric Assembly. Journal of the American Chemical Society, 2015, 137, 13792-13795.	13.7	101
83	Nickel(0)/ <i>N</i> -Heterocyclic Carbene-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of Two Enones and an Alkyne: Access to Cyclohexenes with Four Contiguous Stereogenic Centers. Organic Letters, 2015, 17, 6018-6021.	4.6	34
84	A high-throughput screen for inhibitors of the prolyl isomerase, Pin1, identifies a seaweed polyphenol that reduces adipose cell differentiation. Bioscience, Biotechnology and Biochemistry, 2014, 78, 832-838.	1.3	19
85	Supramolecular photocyclodimerization of 2-hydroxyanthracene with a chiral hydrogen-bonding template, cyclodextrin and serum albumin. Photochemical and Photobiological Sciences, 2014, 13, 162-171.	2.9	10
86	Manipulating Î <sup>3</sup> -cyclodextrin-mediated photocyclodimerization of anthracenecarboxylate by wavelength, temperature, solvent and host. Photochemical and Photobiological Sciences, 2014, 13, 190-198.	2.9	19
87	<i>C</i> <sub>5</sub> <i>-</i> Symmetric Chiral Corannulenes: Desymmetrization of Bowl Inversion Equilibrium via "Intramolecular―Hydrogen-Bonding Network. Journal of the American Chemical Society, 2014, 136, 10640-10644.	13.7	78
88	Sign inversion of circularly polarized luminescence by geometry manipulation of four naphthalene units introduced into a tartaric acid scaffold. Chemical Communications, 2014, 50, 12836-12839.	4.1	34
89	Mammalian serum albumins as a chiral mediator library for bio-supramolecular photochirogenesis: optimizing enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate. Chemical Communications, 2014, 50, 14082-14085.	4.1	13
90	Ammonia-Driven Chirality Inversion and Enhancement in Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Diguanidino-I <sup>3</sup> -cyclodextrin. Journal of the American Chemical Society, 2014, 136, 6916-6919.	13.7	69

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91	Exciplex Ensemble Modulated by Excitation Mode in Intramolecular Charge-Transfer Dyad: Effects of Temperature, Solvent Polarity, and Wavelength on Photochemistry and Photophysics of Tethered Naphthalene–Dicyanoethene System. Organic Letters, 2014, 16, 4888-4891.	4.6	6
92	ABCâ€Type <i>meso</i> â€Triarylâ€Substituted Subporphyrins. European Journal of Organic Chemistry, 2014, 2014, 3997-4004.	2.4	14
93	Charge-transfer excitation: unconventional yet practical means for controlling stereoselectivity in asymmetric photoreactions. Chemical Society Reviews, 2013, 42, 8122.	38.1	57
94	Photochirogenesis with mutant human serum albumins: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate. Chemical Communications, 2013, 49, 7433.	4.1	11
95	Diastereodifferentiating Photocyclodimerization of 2-Anthracenecarboxylates Tethered to a Cyclic Tetrasaccharide Scaffold: Critical Control of Photoreactivity and Stereoselectivity. Journal of Organic Chemistry, 2013, 78, 10996-11006.	3.2	11
96	Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. Chemical Communications, 2013, 49, 3510.	4.1	44
97	Supramolecular photochirogenesis with functional amyloid superstructures. Chemical Communications, 2013, 49, 8916.	4.1	10
98	Chiral recognition and supramolecular photoreaction of 1,1′-binaphthol with bovine and human serum albumins. Research on Chemical Intermediates, 2013, 39, 371-383.	2.7	11
99	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, 3073-3085.	3.2	18
100	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, 203-209.	13.7	62
101	Circular Dichroism of (Di)methyl- and Diaza[6]helicenes. A Combined Theoretical and Experimental Study. Journal of Physical Chemistry A, 2013, 117, 83-93.	2.5	84
102	Theoretical and Experimental Studies of Circular Dichroism of Mono- and Diazonia[6]helicenes. Journal of Physical Chemistry A, 2013, 117, 5082-5092.	2.5	49
103	Catalytic Bio‣upramolecular Photochirogenesis: Batchâ€Operated Enantiodifferentiating Photocyclodimerization of 2â€Anthracenecarboxylate with Human Serum Albumin. ChemCatChem, 2013, 5, 3237-3240.	3.7	11
104	Absolute configuration determination of the <i>anti</i> -head-to-head photocyclodimer of anthracene-2-carboxylic acid through cocrystallization with <scp>L</scp> -prolinol. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1411-1413.	0.4	3
105	Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid via Competitive Binary/Ternary Hydrogen-Bonded Complexes with 4-Benzamidoprolinol. Organic Letters, 2012, 14, 4962-4965.	4.6	15
106	Absolute Configuration of Atropisomeric Polychlorinated Biphenyl 183 Enantiomerically Enriched in Human Samples. Journal of Physical Chemistry A, 2012, 116, 9340-9346.	2.5	27
107	Theoretical and Experimental Investigations of Circular Dichroism and Absolute Configuration Determination of Chiral Anthracene Photodimers. Journal of the American Chemical Society, 2012, 134, 4990-4997.	13.7	76
108	Strictly diastereocontrolled photocyclodimerization of 2-anthracenecarboxylates tethered to cyclic tetrasaccharides. Chemical Communications, 2012, 48, 9156.	4.1	13

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109	Theoretical and Experimental Studies on Circular Dichroism of Carbo[ <i>n</i> ]helicenes. Journal of Physical Chemistry A, 2012, 116, 7372-7385.	2.5	239
110	Control of Conformer Population and Product Selectivity and Stereoselectivity in Competitive Photocyclization/Rearrangement of Chiral Donor–Acceptor Dyad. Journal of the American Chemical Society, 2012, 134, 8082-8085.	13.7	15
111	Cyclodextrin nanosponge-sensitized enantiodifferentiating photoisomerization of cyclooctene and 1,3-cyclooctadiene. Beilstein Journal of Organic Chemistry, 2012, 8, 1305-1311.	2.2	36
112	Supramolecular Photochirogenesis with Novel Cyclic Tetrasaccharide: Enantiodifferentiating Photoisomerization of ( <i>Z</i> ) yclooctene with Cyclic Nigerosylnigeroseâ€Based Sensitizers. Chirality, 2012, 24, 921-927.	2.6	6
113	Photochemistry in Alternative Media. , 2012, , 249-275.		2
114	Axial Chirality of Donor–Donor, Donor–Acceptor, and Tethered 1,1′-Binaphthyls: A Theoretical Revisit with Dynamics Trajectories. Journal of Physical Chemistry A, 2011, 115, 5488-5495.	2.5	43
115	Introduction to the themed issue in honour of the contribution of Japanese scientists to photochemistry. Photochemical and Photobiological Sciences, 2011, 10, 1379.	2.9	0
116	Wavelength-controlled supramolecular photocyclodimerization of anthracenecarboxylate mediated by Î <sup>3</sup> -cyclodextrins. Chemical Communications, 2011, 47, 6849.	4.1	41
117	Role of entropy in supramolecular photochirogenesis: enantiodifferentiating photoisomerization of cyclooctenes in chiral sensitizer-immobilized MCM-41 cavities. Photochemical and Photobiological Sciences, 2011, 10, 1390.	2.9	4
118	Competitive photocyclization/rearrangement of 4-aryl-1,1-dicyanobutenes controlled by intramolecular charge-transfer interaction. Effect of medium polarity, temperature, pressure, excitation wavelength, and confinement. Photochemical and Photobiological Sciences, 2011, 10, 1405-1414.	2.9	13
119	Dual Supramolecular Photochirogenesis: Ultimate Stereocontrol of Photocyclodimerization by a Chiral Scaffold and Confining Host. Journal of the American Chemical Society, 2011, 133, 13786-13789.	13.7	97
120	Enantiodifferentiating Photoisomerization of ( <i>Z</i> , <i>Z</i> )-1,3-Cyclooctadiene Included and Sensitized by Naphthoyl-Curdlan. Organic Letters, 2011, 13, 1856-1859.	4.6	12
121	<i>Planar-to-Planar</i> Chirality Transfer in the Excited State. Enantiodifferentiating Photoisomerization of Cyclooctenes Sensitized by Planar-Chiral Paracyclophane. Journal of the American Chemical Society, 2011, 133, 10379-10381.	13.7	43
122	Chiral ionic liquid-mediated photochirogenesis. Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid. Organic and Biomolecular Chemistry, 2011, 9, 7105.	2.8	14
123	A dual inhibitor against prolyl isomerase Pin1 and cyclophilin discovered by a novel real-time fluorescence detection method. Biochemical and Biophysical Research Communications, 2011, 406, 439-443.	2.1	32
124	Supramolecular FRET photocyclodimerization of anthracenecarboxylate with naphthalene-capped γ-cyclodextrin. Beilstein Journal of Organic Chemistry, 2011, 7, 290-297.	2.2	16
125	Experimental and theoretical investigations of circular dichroism of donor–acceptor 1,1′â€binaphthyls: Influence of substitution on the coupling amplitude and cotton effect of the chargeâ€ŧransfer band. Chirality, 2011, 23, E22-7.	2.6	6
126	Supramolecular complexation and photocyclodimerization of methyl 3-methoxy-2-naphthoate with modified Î <sup>3</sup> -cyclodextrins. Pure and Applied Chemistry, 2011, 83, 769-778.	1.9	8

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127	Small Molecule Inhibitors of Peptidylprolyl cis/trans Isomerase. Current Enzyme Inhibition, 2010, 6, 46-53.	0.4	6
128	Circular dichroism of donor–acceptor cyclophanes: (4 <i>R</i> <sub>p</sub> ;12 <i>R</i> <sub>p</sub> )― and (4 <i>S</i> <sub>p</sub> ;12 <i>R</i> <sub>p</sub> )â€12,15â€dimethoxy[2.2]paracyclophaneâ€4,7â€dicarbc acid derivatives. Chirality, 2010, 22, E17-21.	)xgyliac	4
129	Diastereodifferentiating the [2+2] Photocycloaddition of Ethylene to Arylmenthyl Cyclohexenonecarboxylates: Stackingâ€Driven Enhancement of the Product Diastereoselectivity That Is Correlated with the Reactant Ellipticity. Chemistry - A European Journal, 2010, 16, 7448-7455.	3.3	21
130	Recent Theoretical and Experimental Advances in the Electronic Circular Dichroisms of Planar Chiral Cyclophanes. Topics in Current Chemistry, 2010, 298, 99-128.	4.0	19
131	Diastereodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Tethered to Cellulose Scaffold. Journal of Organic Chemistry, 2010, 75, 4307-4310.	3.2	16
132	Experimental and Theoretical Studies on the Chiroptical Properties of Donorâ^'Acceptor Binaphthyls. Effects of Dynamic Conformer Population on Circular Dichroism. Journal of Physical Chemistry Letters, 2010, 1, 1809-1812.	4.6	22
133	Conformation Elucidation of Tethered Donorâ^Acceptor Binaphthyls from the Anisotropy Factor of a Charge-Transfer Band. Journal of Physical Chemistry Letters, 2010, 1, 2402-2405.	4.6	17
134	Solvent and Temperature Effects on Diastereodifferentiating Paternóâ^'Büchi Reaction of Chiral Alkyl Cyanobenzoates with Diphenylethene upon Direct versus Charge-Transfer Excitation. Journal of Organic Chemistry, 2010, 75, 5461-5469.	3.2	40
135	Dual Chiral, Dual Supramolecular Diastereodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Tethered to Amylose Scaffold. Organic Letters, 2010, 12, 3510-3513.	4.6	15
136	Bio-supramolecular photochirogenesis with molecular chaperone: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by prefoldin. Photochemical and Photobiological Sciences, 2010, 9, 655-660.	2.9	21
137	Critical stereocontrol by inter-amino distance of supramolecular photocyclodimerization of 2-anthracenecarboxylate mediated by 6-(ω-aminoalkylamino)-γ-cyclodextrins. New Journal of Chemistry, 2010, 34, 1323.	2.8	12
138	Combined Experimental and Quantum Chemical Investigation of Chiroptical Properties of Nicotinamide Derivatives with and without Intramolecular Cationâ^'ï€ Interactions. Journal of Physical Chemistry A, 2009, 113, 8754-8764.	2.5	31
139	Supramolecular Complexation of <i>N</i> â€Alkyl―and <i>N</i> , <i>N</i> â€2â€Dialkylpiperazines with Cucurbit[6]uril in Aqueous Solution and in the Solid State. Chemistry - A European Journal, 2009, 15, 1957-1965.	3.3	12
140	Catalytic Enantiodifferentiating Photocyclodimerization of 2â€Anthracenecarboxylic Acid Mediated by a Nonâ€Sensitizing Chiral Metallosupramolecular Host. Angewandte Chemie - International Edition, 2009, 48, 6675-6677.	13.8	104
141	Supramolecular Complexation and Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid with 4-Aminoprolinol Derivatives as Chiral Hydrogen-Bonding Templates. Journal of Organic Chemistry, 2009, 74, 7908-7921.	3.2	46
142	Wavelength Control of Diastereodifferentiating Paternóâ^'Büchi Reaction of Chiral Cyanobenzoates with Diphenylethene through Direct versus Charge-Transfer Excitation. Journal of the American Chemical Society, 2009, 131, 17076-17077.	13.7	34
143	Dipentamethylene thiuram monosulfide is a novel inhibitor of Pin1. Biochemical and Biophysical Research Communications, 2009, 384, 394-398.	2.1	56
144	Competitive Enantiodifferentiating Anti-Markovnikov Photoaddition of Water and Methanol to 1,1-Diphenylpropene Using A Sensitizing Cyclodextrin Host. Journal of Organic Chemistry, 2009, 74, 6714-6727.	3.2	38

#	Article	IF	CITATIONS
145	Novel cationâ€Ï€ interaction revealed by crystal structure of thermoalkalophilic lipase. Proteins: Structure, Function and Bioinformatics, 2008, 70, 592-598.	2.6	68
146	Chiroptical properties and racemization behavior of highly distorted donor-acceptor tetracyanoanthraquinodimethane with interconvertible planar chirality. Chirality, 2008, 20, 278-281.	2.6	8
147	pH-Controlled Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Capped ?-Cyclodextrins. Australian Journal of Chemistry, 2008, 61, 565.	0.9	16
148	Supramolecular complexation and photochirogenesis with inherently chiral molecular clip: enantiodifferentiating photoisomerization of (Z,Z)-1,3-cyclooctadiene and polar photoaddition to 1,1-diphenylpropene. Photochemical and Photobiological Sciences, 2008, 7, 1493-1500.	2.9	12
149	Supramolecular enantiodifferentiating photoisomerization of cyclooctene with modified β-cyclodextrins: critical control by a host structure. Chemical Communications, 2008, , 374-376.	4.1	53
150	Enantiodifferentiating Photoisomerization of Cyclooctene Included and Sensitized by Aroyl-β-cyclodextrins: A Critical Enantioselectivity Control by Substituents. Journal of Organic Chemistry, 2008, 73, 7695-7701.	3.2	51
151	Highly Stereoselective Photocyclodimerization of α-Cyclodextrin-Appended Anthracene Mediated by γ-Cyclodextrin and Cucurbit[8]uril: A Dramatic Steric Effect Operating Outside the Binding Site. Journal of the American Chemical Society, 2008, 130, 8574-8575.	13.7	194
152	Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Capped Î <sup>3</sup> -Cyclodextrins: Critical Control of Enantioselectivity by Cap Rigidity. Journal of Organic Chemistry, 2008, 73, 5786-5794.	3.2	58
153	Entrainer Effect on Photochirogenesis in Near- and Supercritical Carbon Dioxide: Dramatic Enhancement of Enantioselectivity. Journal of the American Chemical Society, 2008, 130, 7526-7527.	13.7	27
154	Synthesis of Functionalized b-Cyclodextrins by "Click Chemistry― Heterocycles, 2008, 76, 155.	0.7	5
155	A synthetic host-guest system achieves avidin-biotin affinity by overcoming enthalpy–entropy compensation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20737-20742.	7.1	534
156	Critical Control by Temperature and Pressure of Enantiodifferentiating Anti-Markovnikov Photoaddition of Methanol to Diphenylpropene in Near Critical and Supercritical Carbon Dioxide. Chemistry Letters, 2007, 36, 1488-1489.	1.3	15
157	Dynamic Switching between Single- and Double-Axial Rotaxanes Manipulated by Charge and Bulkiness of Axle Termini. Organic Letters, 2007, 9, 4789-4792.	4.6	50
158	Supramolecular enantiodifferentiating photoisomerization of (Z,Z)-1,3-cyclooctadiene included and sensitized by naphthalene-modified cyclodextrins. New Journal of Chemistry, 2007, 31, 697.	2.8	38
159	Experimental and Theoretical Study of the CD Spectra and Conformational Properties of Axially Chiral 2,2â€~-, 3,3â€~-, and 4,4â€~-Biphenol Ethers. Journal of Physical Chemistry A, 2007, 111, 4222-4234.	2.5	56
160	Quantum Chemical Study on the Circular Dichroism Spectra and Specific Rotation of Donorâ^'Acceptor Cyclophanes. Journal of Physical Chemistry A, 2007, 111, 7995-8006.	2.5	42
161	Mechanistic Study on the Enantiodifferentiating Anti-Markovnikov Photoaddition of Alcohols to 1,1-Diphenyl-1-alkenes in Near-Critical and Supercritical Carbon Dioxide. Journal of Physical Chemistry A, 2007, 111, 13432-13440.	2.5	19
162	Highly Enantiomeric Supramolecular [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Human Serum Albumin. Journal of the American Chemical Society, 2007, 129, 3478-3479.	13.7	114

#	Article	IF	CITATIONS
163	Supramolecular Photochirogenesis with Biomolecules. Mechanistic Studies on the Enantiodifferentiation for the Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Bovine Serum Albumin. Journal of Organic Chemistry, 2007, 72, 2707-2715.	3.2	70
164	A Combined Experimental and Theoretical Study on the Conformation of Multiarmed Chiral Aryl Ethers. Journal of Organic Chemistry, 2007, 72, 6998-7010.	3.2	29
165	A New Class of Chiroptical Molecular Switches Based on the Redox-Induced Conformational Changes. Organic Letters, 2007, 9, 3977-3980.	4.6	20
166	Unusual CD couplet pattern observed for the Ï€*â†n transition of enantiopure (Z)-8-methoxy-4-cyclooctenone: An experimental and theoretical study by electronic and vibrational circular dichroism spectroscopy and density functional theory calculation. Chirality, 2007, 19, 415-427.	2.6	10
167	Inherently Chiral Molecular Clips: Synthesis, Chiroptical Properties, and Application to Chiral Discrimination. Chemistry - A European Journal, 2007, 13, 2473-2479.	3.3	20
168	A remarkable stereoselectivity switching upon solid-state versus solution-phase enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by native and 3,6-anhydro-Î <sup>3</sup> -cyclodextrins. Tetrahedron Letters, 2007, 48, 4357-4360.	1.4	30
169	Enhanced ternary 1:2 host–guest complexation of amino-γ-cyclodextrins with 2-anthracenecarboxylic acid. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 433-437.	1.6	2
170	Switching of Product's Chirality in Diastereodifferentiating [2+2] Photocycloaddition of (E)- versus (Z)-Stilbene to Chiral Fumarate upon Direct and Charge-Transfer-Band Excitation. Organic Letters, 2006, 8, 1909-1912.	4.6	18
171	The first supramolecular photosensitization of enantiodifferentiating bimolecular reaction: anti-Markovnikov photoaddition of methanol to 1,1-diphenylpropene sensitized by modified β-cyclodextrin. Chemical Communications, 2006, , 1712-1714.	4.1	14
172	Pressure and Temperature-Controlled Enantiodifferentiating [4+4] Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Secondary Face- and Skeleton-Modified Î <sup>3</sup> -Cyclodextrins. Journal of Organic Chemistry, 2006, 71, 3126-3136.	3.2	74
173	Time Dependent Density Functional Theory Calculations for Electronic Circular Dichroism Spectra and Optical Rotations of Conformationally Flexible Chiral Donorâ^'Acceptor Dyad. Journal of Organic Chemistry, 2006, 71, 9797-9806.	3.2	57
174	Entropy-Controlled Supramolecular Photochirogenesis:Â EnantiodifferentiatingZâ^'EPhotoisomerization of Cyclooctene Included and Sensitized by Permethylated 6-O-Modified β-Cyclodextrins. Journal of Organic Chemistry, 2006, 71, 8233-8243.	3.2	43
175	Circular Dichroism of Intra- and Intermolecular Charge-Transfer Complexes. Enhancement of Anisotropy Factors by Dimer Formation and by Confinement. Journal of Organic Chemistry, 2006, 71, 3232-3247.	3.2	34
176	Absolute configuration determination of donor-acceptor [2.2]paracyclophanes by comparison of theoretical and experimental vibrational circular dichroism spectra. Chirality, 2006, 18, 205-211.	2.6	15
177	Enantiodifferentiating [4+4] photocyclodimerization of 2-anthracenecarboxylate catalyzed by 6A,6X-diamino-6A,6X-dideoxy-Î <sup>3</sup> -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.	3.9	60
178	Circular Dichroism of a Chiral Tethered Donor–Acceptor System: Enhanced Anisotropy Factors in Charge-Transfer Transitions by Dimer Formation and by Confinement. Angewandte Chemie - International Edition, 2005, 44, 2582-2585.	13.8	25
179	Entropy-controlled supramolecular photochirogenesis: enantiodifferentiating Z–E photoisomerization of cyclooctene included and sensitized by permethylated 6-O-benzoyl-β-cyclodextrin. Chemical Communications, 2005, , 4199.	4.1	38
180	Chiral Organic Radical Cation and Dication. A Reversible Chiroptical Redox Switch Based on Stepwise Transformation of Optically Active Tetrakis(p-alkoxyphenyl)ethylenes to Radical Cations and Dications. Journal of Physical Chemistry A, 2005, 109, 2728-2740.	2.5	41

#	Article	IF	CITATIONS
181	Absolute Configuration of Chiral [2.2]Paracyclophanes with Intramolecular Charge-Transfer Interaction. Failure of the Exciton Chirality Method and Use of the Sector Rule Applied to the Cotton Effect of the CT Transition. Journal of the American Chemical Society, 2005, 127, 8242-8243.	13.7	59
182	Complete Memory of Chirality Upon Photodecarboxylation of Mesityl Alkanoate to Mesitylalkane: Theoretical and Experimental Evidence for Cheletropic Decarboxylation via a Spiro-Lactonic Transition State ChemInform, 2004, 35, no.	0.0	0
183	Photochemical Isomerization of Cycloalkenes. ChemInform, 2004, 35, no.	0.0	1
184	Pressure Control of Diastereodifferentiating [2 + 2] Photocycloaddition of (E)-Stilbene to Chiral Fumarate upon Direct and Charge-Transfer Excitation ChemInform, 2004, 35, no.	0.0	0
185	Pressure control of diastereodifferentiating [2 + 2] photocycloaddition of (E)-stilbene to chiral fumarate upon direct and charge-transfer excitationElectronic supplementary information (ESI) available: pressure effect on the product ratio 4/3. See http://www.rsc.org/suppdata/cc/b4/b404555f/. Chemical Communications. 2004 1652.	4.1	14
186	Pressure control of enantiodifferentiating polar addition of 1,1-diphenylpropene sensitized by chiral naphthalenecarboxylates. Organic and Biomolecular Chemistry, 2004, 2, 1295.	2.8	13
187	Mediation of Conformationally Controlled Photodecarboxylations of Chiral and Cyclic Aryl Esters by Substrate Structure, Temperature, Pressure, and Medium Constraints. Journal of the American Chemical Society, 2004, 126, 8961-8975.	13.7	57
188	Chiroptical Properties of Organic Radical Cations. The Electronic and Vibrational Circular Dichroism Spectra of α-Tocopherol Derivatives and Sterically Hindered Chiral Hydroquinone Ethers. Journal of Physical Chemistry A, 2004, 108, 9540-9549.	2.5	14
189	Enantiodifferentiating Photoaddition of Alcohols to 1,1-Diphenylpropene in Supercritical Carbon Dioxide:Â Sudden Jump of Optical Yield at the Critical Density. Journal of the American Chemical Society, 2004, 126, 6568-6569.	13.7	29
190	Diastereoselective [2 + 2] Photocycloaddition of Stilbene to Chiral Fumarate. Direct versus Charge-Transfer Excitation. Journal of the American Chemical Society, 2004, 126, 1900-1906.	13.7	41
191	Remarkable Differences in Photo and Thermal (Acid-catalyzed) Reactivities betweenortho- andpara-Acylcyclohexadienones as Essential Factors Determining the Overall Efficiency of the Photo-Fries Rearrangement. Chemistry Letters, 2004, 33, 256-257.	1.3	10
192	Isolation of Cyclohexadienone Intermediates in the Photo-Fries Rearrangement of 2,4-Dimethylnaphth-1-yl and 1,4-Dimethylnaphth-2-yl 2,4,6-Trimethylbenzoates. Chemistry Letters, 2004, 33, 254-255.	1.3	11
193	Bovine Serum Albumin-Mediated Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate. Journal of the American Chemical Society, 2003, 125, 7492-7493.	13.7	99
194	Enhanced Photodecarboxylation of an Aryl Ester in Polyethylene Films. Organic Letters, 2003, 5, 4661-4664.	4.6	21
195	Complete memory of chirality upon photodecarboxylation of mesityl alkanoate to mesitylalkane: theoretical and experimental evidence for cheletropic decarboxylation via a spiro-lactonic transition state. Chemical Communications, 2003, , 2302.	4.1	12
196	Acid-controlled photoreactions of aryl alkanoates: competition of transesterification, decarboxylation, Fries-rearrangement and/or transpositionThis paper is dedicated to Professor Fred Lewis on the event of his 60th birthday Photochemical and Photobiological Sciences, 2003, 2, 1187.	2.9	19
197	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.	2.8	26
198	The First Circular Dichroism Observation for Organic Radical Cations: Chiroptical Properties of Neomenthyloxy- and Isobornyloxyanisole Radical Cations. Enantiomer, 2002, 7, 115-118.	0.5	8

#	Article	IF	CITATIONS
199	Novel [2 + 2] Photocycloaddition-Induced Rearrangement of Bichromophoric Naphthalene-Tethered Resorcinol Ethers. Journal of Organic Chemistry, 2002, 67, 2315-2322.	3.2	20

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201	Discontinuous pressure effect upon enantiodifferentiating photosensitized isomerization of cyclooctene. Chemical Communications, 2002, , 1272-1273.	4.1	22
202	Photoinduced electron transfer oxidation of $\hat{l}\pm$ -methylstyrene with molecular oxygen sensitized by dimethoxybenzenes: a non-singlet-oxygen mechanism. Tetrahedron Letters, 2001, 42, 2505-2508.	1.4	24
203	Photoinduced Electron-Transfer Oxidation of Olefins with Molecular Oxygen Sensitized by Tetrasubstituted Dimethoxybenzenes: A Non-Singlet-Oxygen Mechanism. Helvetica Chimica Acta, 2001, 84, 2693.	1.6	12
204	Perfect Switching of Photoreactivity by Acid:  Photochemical Decarboxylation versus Transesterification of Mesityl Cyclohexanecarboxylate. Organic Letters, 2000, 2, 3401-3404.	4.6	23
205	X-Ray structure of bridged 2,2′-bi(adamant-2-ylidene) chloronium cation and comparison of its reactivity with a singly-bonded chloroarenium cation. Chemical Communications, 1998, , 927-928.	4.1	30
206	Direct Oxidation of Methyl Ethers to Carbonyl Compounds with a Combination of Nitrogen Dioxide and Water in the Presence or Absence of Ozone. Bulletin of the Chemical Society of Japan, 1997, 70, 3111-3115.	3.2	7
207	Ozone-mediated nitration of bicumene and derivatives with nitrogen dioxide. Preferential mesolytic bond cleavage over nuclear nitration in evidence for the electron transfer nature of the kyodai-nitration of arenes. Journal of the Chemical Society Perkin Transactions II, 1997, , 1265-1274.	0.9	6
208	Side-Chain Nitration of Styrene and Para-Substituted Derivatives with a Combination of Nitrogen Dioxide and Ozone. Journal of Organic Chemistry, 1997, 62, 6498-6502.	3.2	43
209	C-Nitration of pyridine by the kyodai-nitration modified by the Bakke procedure. A simple route to 3-nitropyridine and mechanistic aspect of its formation. Tetrahedron Letters, 1997, 38, 5647-5650.	1.4	22
210	Ozone-Mediated Nitration of Phenylalkyl Ethers, Phenylacetic Esters, and Related Compounds with Nitrogen Dioxide. The HighestOrthoSubstitution Observed in the Electrophilic Nitration of Arenes. Journal of Organic Chemistry, 1996, 61, 5944-5947.	3.2	24
211	Ozone-mediated nitration of naphthalene and some methyl derivatives with nitrogen dioxide. Remarkable enhancement of the 1-nitro/2-nitro isomer ratio and mechanistic implications. Journal of the Chemical Society Perkin Transactions II, 1996, , 677.	0.9	23
212	Iron(III)-catalysed nitration of non-activated and moderately activated arenes with nitrogen dioxide–molecular oxygen under neutral conditions. Journal of the Chemical Society Perkin Transactions 1, 1996, , 2385-2389.	0.9	39
213	Preference of the Mesolytic Cleavage over the Nuclear Substitution Observed in the Ozone-mediated Nitration of Bicumene with Nitrogen Dioxide. Implication to the Electron Transfer Nature of theKyodai-Nitration of Arenes. Chemistry Letters, 1996, 25, 647-648.	1.3	3
214	Aromatic Nitration under Neutral Conditions Using Nitrogen Dioxide and Ozone as the Nitrating Agent. Application to Aromatic Acetals and Acylal. Bulletin of the Chemical Society of Japan, 1995, 68, 1535-1544.	3.2	15
215	Ozone-mediated Nitration of Aromatic Compounds with Lower Oxides of Nitrogen (The) Tj ETQq1 1 0.784314 rg	gBT /Overlo	$\operatorname{pck}_{48}$ 10 Tf 50
216	Unusual isomer distribution of dinitrobenzenes and nitrophenols formed as side products during the ozone-mediated nitration of benzene with nitrogen dioxide. Further evidence for the alternative mechanism of electrophilic nitration of arenes. Journal of the Chemical Society Perkin Transactions II, 1995, , 41.	0.9	10

#	Article	IF	CITATIONS
217	Ozone-mediated reaction of anilides and phenyl esters with nitrogen dioxide: enhanced ortho-reactivity and mechanistic implications. Journal of the Chemical Society Perkin Transactions 1, 1995, , 339.	0.9	10
218	Nitration of nonactivated arenes with a ternary system NO–NO2–O2. Mechanistic implications of the Kyodai-nitration. Journal of the Chemical Society Perkin Transactions 1, 1995, , 291-293.	0.9	9
219	Ozone-Mediated Reaction of Polychlorobenzenes and Some Related Halogeno Compounds with Nitrogen Dioxide: A Novel Non-Acid Methodology for the Selective Mononitration of Moderately Deactivated Aromatic Systems. Synthesis, 1994, 1994, 841-845.	2.3	8
220	Ozone-mediated nitration of chloro- and bromo-benzenes and some methyl derivatives with nitrogen dioxide. High ortho-directing trends of the chlorine and bromine substituents. Journal of the Chemical Society Perkin Transactions II, 1994, , 479.	0.9	10
221	Ozone-mediated nitratrion of arenes with nitrogen dioxide: change-over of the orienting influences of alkyl, alkoxyl and halogen substituent groups from meta to ortho-para dominance. Journal of the Chemical Society Chemical Communications, 1994, , 1443.	2.0	11
222	Ozone-mediated reaction of aromatic acetals and acylal with nitrogen dioxide: a novel methodology for the nuclear nitration of acid-sensitive aromatic compounds under neutral conditions. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1367.	0.9	13
223	Ozone-mediated nitration of alkylbenzenes and related compounds with nitrogen dioxide. Journal of the Chemical Society Perkin Transactions 1, 1993, , 1591.	0.9	25
224	Reversal of the ortho–para-isomer ratios by altering the initial concentration of substrate in the ozone-mediated nitration of chloro- and bromo-benzenes. Journal of the Chemical Society Chemical Communications, 1993, .	2.0	3
225	Effects of Lâ€Erythroâ€3, 4â€Dihydroxyphenylserine on Sleepâ€Wakefulness Patterns and Concentrations of Brain Catecholamines and Serotonin in Rats. Psychiatry and Clinical Neurosciences, 1987, 41, 301-310.	1.8	2
226	The effect of L-erythro-dihydroxyphenylserine injected into the lateral ventricle and the hypothalamus on the locomotor activity. Pharmacology Biochemistry and Behavior, 1986, 25, 411-414.	2.9	1