

Tadashi Mori

List of Publications by Year in descending order

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226
papers

8,433
citations

50170

46
h-index

62479

80
g-index

242
all docs

242
docs citations

242
times ranked

6059
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthetic host-guest system achieves avidin-biotin affinity by overcoming enthalpy–entropy compensation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20737-20742.	3.3	534
2	A rational strategy for the realization of chain-growth supramolecular polymerization. <i>Science</i> , 2015, 347, 646-651.	6.0	518
3	Circularly Polarized Luminescence and Circular Dichroisms in Small Organic Molecules: Correlation between Excitation and Emission Dissymmetry Factors. <i>ChemPhotoChem</i> , 2018, 2, 386-402.	1.5	504
4	Chiroptical Properties of Symmetric Double, Triple, and Multiple Helicenes. <i>Chemical Reviews</i> , 2021, 121, 2373-2412.	23.0	334
5	Theoretical and Experimental Studies on Circular Dichroism of Carbo[n]helicenes. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7372-7385.	1.1	239
6	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.	6.6	194
7	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6869-6873.	7.2	161
8	Symmetry-based rational design for boosting chiroptical responses. <i>Communications Chemistry</i> , 2018, 1, .	2.0	153
9	Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1867-1875.	1.1	133
10	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.	6.6	114
11	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.	7.2	104
12	Helix Sense-Selective Supramolecular Polymerization Seeded by a One-Handed Helical Polymeric Assembly. <i>Journal of the American Chemical Society</i> , 2015, 137, 13792-13795.	6.6	101
13	Bovine Serum Albumin-Mediated Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate. <i>Journal of the American Chemical Society</i> , 2003, 125, 7492-7493.	6.6	99
14	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.	6.6	97
15	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.	6.6	88
16	Energetics of Baird aromaticity supported by inversion of photoexcited chiral [4n]annulene derivatives. <i>Nature Communications</i> , 2017, 8, 346.	5.8	86
17	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.	1.1	84
18	Symmetric Chiral Corannulenes: Desymmetrization of Bowl Inversion Equilibrium via π -Intramolecular-Hydrogen-Bonding Network. <i>Journal of the American Chemical Society</i> , 2014, 136, 10640-10644.	6.6	78

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19	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.	6.6	76
20	Dynamic propeller conformation for the unprecedentedly high degree of chiral amplification of supramolecular helices. <i>Chemical Science</i> , 2016, 7, 6689-6694.	3.7	76
21	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.	1.7	74
22	Irreverent Nature of Dissymmetry Factor and Quantum Yield in Circularly Polarized Luminescence of Small Organic Molecules. <i>Frontiers in Chemistry</i> , 2020, 8, 448.	1.8	72
23	Supramolecular Photochirogenesis with Biomolecules. Mechanistic Studies on the Enantiodifferentiation for the Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Bovine Serum Albumin. <i>Journal of Organic Chemistry</i> , 2007, 72, 2707-2715.	1.7	70
24	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.	6.6	70
25	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.	6.6	69
26	Novel cation- π interaction revealed by crystal structure of thermoalkalophilic lipase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 592-598.	1.5	68
27	Overtemperature-protection intelligent molecular chiroptical photoswitches. <i>Nature Communications</i> , 2021, 12, 2600.	5.8	66
28	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.	6.6	62
29	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.	2.0	60
30	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. <i>Journal of the American Chemical Society</i> , 2005, 127, 8242-8243.	6.6	59
31	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.	1.7	58
32	Mediation of Conformationally Controlled Photodecarboxylations of Chiral and Cyclic Aryl Esters by Substrate Structure, Temperature, Pressure, and Medium Constraints. <i>Journal of the American Chemical Society</i> , 2004, 126, 8961-8975.	6.6	57
33	Time Dependent Density Functional Theory Calculations for Electronic Circular Dichroism Spectra and Optical Rotations of Conformationally Flexible Chiral Donor-Acceptor Dyad. <i>Journal of Organic Chemistry</i> , 2006, 71, 9797-9806.	1.7	57
34	Charge-transfer excitation: unconventional yet practical means for controlling stereoselectivity in asymmetric photoreactions. <i>Chemical Society Reviews</i> , 2013, 42, 8122.	18.7	57
35	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.	1.7	57
36	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.	1.1	56

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37	Dipentamethylene thiuram monosulfide is a novel inhibitor of Pin1. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 394-398.	1.0	56
38	Supramolecular enantiodifferentiating photoisomerization of cyclooctene with modified β -cyclodextrins: critical control by a host structure. <i>Chemical Communications</i> , 2008, , 374-376.	2.2	53
39	Porphyrin-Based Air-Stable Helical Radicals. <i>Chemistry - A European Journal</i> , 2018, 24, 572-575.	1.7	52
40	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.	1.1	52
41	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.	1.7	51
42	Dynamic Switching between Single- and Double-Axial Rotaxanes Manipulated by Charge and Bulkiness of Axle Termini. <i>Organic Letters</i> , 2007, 9, 4789-4792.	2.4	50
43	Theoretical and Experimental Studies of Circular Dichroism of Mono- and Diazo[6]helicenes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 5082-5092.	1.1	49
44	Ozone-mediated Nitration of Aromatic Compounds with Lower Oxides of Nitrogen (The) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (K	1.0	48
45	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.	6.6	48
46	Optical Activity and Optical Anisotropy in Photomechanical Crystals of Chiral Salicylidenephenylethylamines. <i>Journal of the American Chemical Society</i> , 2016, 138, 15066-15077.	6.6	48
47	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of <i>ortho</i> -Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14688-14693.	7.2	47
48	Supramolecular Complexation and Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid with 4-Aminoprolinol Derivatives as Chiral Hydrogen-Bonding Templates. <i>Journal of Organic Chemistry</i> , 2009, 74, 7908-7921.	1.7	46
49	Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. <i>Chemical Communications</i> , 2013, 49, 3510.	2.2	44
50	Side-Chain Nitration of Styrene and Para-Substituted Derivatives with a Combination of Nitrogen Dioxide and Ozone. <i>Journal of Organic Chemistry</i> , 1997, 62, 6498-6502.	1.7	43
51	Entropy-Controlled Supramolecular Photochirogenesis: Enantiodifferentiating Photoisomerization of Cyclooctene Included and Sensitized by Permethylated 6-O-Modified β -Cyclodextrins. <i>Journal of Organic Chemistry</i> , 2006, 71, 8233-8243.	1.7	43
52	Axial Chirality of 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.	1.1	43
53	Planar-to-Planar Chirality Transfer in the Excited State. Enantiodifferentiating Photoisomerization of Cyclooctenes Sensitized by Planar-Chiral Paracyclophane. <i>Journal of the American Chemical Society</i> , 2011, 133, 10379-10381.	6.6	43
54	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.	1.1	42

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55	Diastereoselective [2 + 2] Photocycloaddition of Stilbene to Chiral Fumarate. Direct versus Charge-Transfer Excitation. <i>Journal of the American Chemical Society</i> , 2004, 126, 1900-1906.	6.6	41
56	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. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2728-2740.	1.1	41
57	Wavelength-controlled supramolecular photocyclodimerization of anthracenecarboxylate mediated by β -cyclodextrins. <i>Chemical Communications</i> , 2011, 47, 6849.	2.2	41
58	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.	1.7	40
59	Significant Enhancement of Absorption and Luminescence Dissymmetry Factors in the Far-Red Region: A Zinc(II) Homoleptic Helicate Formed by a Pair of Achiral Dipyrrromethene Ligands. <i>Chemistry - A European Journal</i> , 2018, 24, 16889-16894.	1.7	40
60	Iron(III)-catalysed nitration of non-activated and moderately activated arenes with nitrogen dioxide—molecular oxygen under neutral conditions. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 2385-2389.	0.9	39
61	Cyclodextrins with Multiple Pyrenyl Groups: An Approach to Organic Molecules Exhibiting Bright Excimer Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114700.	7.2	39
62	Entropy-controlled supramolecular photochirogenesis: enantiodifferentiating Zn(II) photoisomerization of cyclooctene included and sensitized by permethylated 6-O-benzoyl- β -cyclodextrin. <i>Chemical Communications</i> , 2005, , 4199.	2.2	38
63	Supramolecular enantiodifferentiating photoisomerization of (Z,Z)-1,3-cyclooctadiene included and sensitized by naphthalene-modified cyclodextrins. <i>New Journal of Chemistry</i> , 2007, 31, 697.	1.4	38
64	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.	1.7	38
65	Temperature-Driven Planar Chirality Switching of a Pillar[5]arene-Based Molecular Universal Joint. <i>Angewandte Chemie</i> , 2017, 129, 6973-6977.	1.6	38
66	Cyclodextrin nanosponge-sensitized enantiodifferentiating photoisomerization of cyclooctene and 1,3-cyclooctadiene. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1305-1311.	1.3	36
67	Propeller Chirality of Boron Heptaaryldipyrrromethene: Unprecedented Supramolecular Dimerization and Chiroptical Properties. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 42-48.	2.1	36
68	Synthesis, Structures, and Optical Properties of Azahelicene Derivatives and Unexpected Formation of Azahepta[8]circulenes. <i>Chemistry - A European Journal</i> , 2018, 24, 7489-7497.	1.7	36
69	Spiroborate-Based Double-Stranded Helicates: <i>Meso</i> -to- <i>Racemo</i> Isomerization and Ion-Triggered Springlike Motion of the <i>Racemo</i> -Helicate. <i>Journal of the American Chemical Society</i> , 2018, 140, 17027-17039.	6.6	36
70	A Thioxanthone Sensitizer with a Chiral Phosphoric Acid Binding Site: Properties and Applications in Visible Light-Mediated Cycloadditions. <i>Chemistry - A European Journal</i> , 2020, 26, 5190-5194.	1.7	36
71	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.	2.1	35
72	Circular Dichroism of Intra- and Intermolecular Charge-Transfer Complexes. Enhancement of Anisotropy Factors by Dimer Formation and by Confinement. <i>Journal of Organic Chemistry</i> , 2006, 71, 3232-3247.	1.7	34

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73	Wavelength Control of Diastereodifferentiating Patern β chi Reaction of Chiral Cyanobenzoates with Diphenylethene through Direct versus Charge-Transfer Excitation. <i>Journal of the American Chemical Society</i> , 2009, 131, 17076-17077.	6.6	34
74	Sign inversion of circularly polarized luminescence by geometry manipulation of four naphthalene units introduced into a tartaric acid scaffold. <i>Chemical Communications</i> , 2014, 50, 12836-12839.	2.2	34
75	Nickel(0)-Heterocyclic Carbene-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of Two Enones and an Alkyne: Access to Cyclohexenes with Four Contiguous Stereogenic Centers. <i>Organic Letters</i> , 2015, 17, 6018-6021.	2.4	34
76	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.	4.6	33
77	A dual inhibitor against prolyl isomerase Pin1 and cyclophilin discovered by a novel real-time fluorescence detection method. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 439-443.	1.0	32
78	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.	1.1	31
79	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.	6.6	31
80	Intense redox-driven chiroptical switching with a 580 mV hysteresis actuated through reversible dimerization of an azoniahelicene. <i>Chemical Communications</i> , 2017, 53, 9059-9062.	2.2	31
81	X-Ray structure of bridged 2,2-bi(adamant-2-ylidene) chloronium cation and comparison of its reactivity with a singly-bonded chloroarenium cation. <i>Chemical Communications</i> , 1998, , 927-928.	2.2	30
82	A remarkable stereoselectivity switching upon solid-state versus solution-phase enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid mediated by native and 3,6-anhydro- β -cyclodextrins. <i>Tetrahedron Letters</i> , 2007, 48, 4357-4360.	0.7	30
83	Enantiodifferentiating Photoaddition of Alcohols to 1,1-Diphenylpropene in Supercritical Carbon Dioxide: A Sudden Jump of Optical Yield at the Critical Density. <i>Journal of the American Chemical Society</i> , 2004, 126, 6568-6569.	6.6	29
84	A Combined Experimental and Theoretical Study on the Conformation of Multiarmed Chiral Aryl Ethers. <i>Journal of Organic Chemistry</i> , 2007, 72, 6998-7010.	1.7	29
85	Combined Experimental and Theoretical Investigations on Optical Activities of M α bius Aromatic and M α bius Antiaromatic Hexaphyrin Phosphorus Complexes. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4241-4248.	1.1	29
86	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.	6.6	28
87	Entrainer Effect on Photochirogenesis in Near- and Supercritical Carbon Dioxide: Dramatic Enhancement of Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2008, 130, 7526-7527.	6.6	27
88	Absolute Configuration of Atropisomeric Polychlorinated Biphenyl 183 Enantiomerically Enriched in Human Samples. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9340-9346.	1.1	27
89	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.	1.5	26
90	Ozone-mediated nitration of alkylbenzenes and related compounds with nitrogen dioxide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1591.	0.9	25

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91	Steric Hindrance as a Mechanistic Probe for Olefin Reactivity: Variability of the Hydrogenic Canopy over the Isomeric Adamantylideneadamantane/Sesquihomoadamantene Pair (A Combined Experimental) <i>Tetrahedron Letters</i> , 2017, 48, 1457-1460.	1.0	14
92	Circular Dichroism of a Chiral Tethered Donor-Acceptor System: Enhanced Anisotropy Factors in Charge-Transfer Transitions by Dimer Formation and by Confinement. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2582-2585.	7.2	25
93	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.	2.2	25
94	Ozone-Mediated Nitration of Phenylalkyl Ethers, Phenylacetic Esters, and Related Compounds with Nitrogen Dioxide. The Highest Ortho Substitution Observed in the Electrophilic Nitration of Arenes. <i>Journal of Organic Chemistry</i> , 1996, 61, 5944-5947.	1.7	24
95	Photoinduced electron transfer oxidation of <i>trans</i> -methylstyrene with molecular oxygen sensitized by dimethoxybenzenes: a non-singlet-oxygen mechanism. <i>Tetrahedron Letters</i> , 2001, 42, 2505-2508.	0.7	24
96	Closed Pentaaza[9]helicene and Hexathia[9][5]helicene: Oxidative Fusion Reactions of <i>ortho</i> -Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie</i> , 2017, 129, 14880-14885.	1.6	24
97	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. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 677.	0.9	23
98	Perfect Switching of Photoreactivity by Acid: Photochemical Decarboxylation versus Transesterification of Mesityl Cyclohexanecarboxylate. <i>Organic Letters</i> , 2000, 2, 3401-3404.	2.4	23
99	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.	1.1	23
100	Fluorescein-Based Type I Supramolecular Photosensitizer via Induction of Charge Separation by Self-Assembly. <i>JACS Au</i> , 2022, 2, 1472-1478.	3.6	23
101	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. <i>Tetrahedron Letters</i> , 1997, 38, 5647-5650.	0.7	22
102	Discontinuous pressure effect upon enantiodifferentiating photosensitized isomerization of cyclooctene. <i>Chemical Communications</i> , 2002, , 1272-1273.	2.2	22
103	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.	2.1	22
104	Möbius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3982-3986.	7.2	22
105	A BODIPY-based near infrared fluorescent probe for Fe ³⁺ in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 78-83.	2.0	22
106	Hydrostatic Pressure on Toroidal Interaction and Propeller Chirality of Hexaarylbenzenes: Explicit Solvent Effects on Differential Volumes in Methylcyclohexane and Hexane. <i>Chemistry - A European Journal</i> , 2019, 25, 2011-2018.	1.7	22
107	Enhanced Photodecarboxylation of an Aryl Ester in Polyethylene Films. <i>Organic Letters</i> , 2003, 5, 4661-4664.	2.4	21
108	Diastereodifferentiating the [2+2] Photocycloaddition of Ethylene to Arylmethyl Cyclohexanecarboxylates: Stacking-Driven Enhancement of the Product Diastereoselectivity That Is Correlated with the Reactant Ellipticity. <i>Chemistry - A European Journal</i> , 2010, 16, 7448-7455.	1.7	21

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109	Bio-supramolecular photochirogenesis with molecular chaperone: enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate mediated by prefoldin. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 655-660.	1.6	21
110	Novel [2 + 2] Photocycloaddition-Induced Rearrangement of Bichromophoric Naphthalene-Tethered Resorcinol Ethers. <i>Journal of Organic Chemistry</i> , 2002, 67, 2315-2322.	1.7	20
111	A New Class of Chiroptical Molecular Switches Based on the Redox-Induced Conformational Changes. <i>Organic Letters</i> , 2007, 9, 3977-3980.	2.4	20
112	Inherently Chiral Molecular Clips: Synthesis, Chiroptical Properties, and Application to Chiral Discrimination. <i>Chemistry - A European Journal</i> , 2007, 13, 2473-2479.	1.7	20
113	Acid-controlled photoreactions of aryl alkanoates: competition of transesterification, decarboxylation, Fries-rearrangement and/or transposition This paper is dedicated to Professor Fred Lewis on the event of his 60th birthday.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 1187.	1.6	19
114	Mechanistic Study on the Enantiodifferentiating Anti-Markovnikov Photoaddition of Alcohols to 1,1-Diphenyl-1-alkenes in Near-Critical and Supercritical Carbon Dioxide. <i>Journal of Physical Chemistry A</i> , 2007, 111, 13432-13440.	1.1	19
115	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
116	A high-throughput screen for inhibitors of the prolyl isomerase, Pin1, identifies a seaweed polyphenol that reduces adipose cell differentiation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 832-838.	0.6	19
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