

Tadashi Mori

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217
papers

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h-index

70
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242
ext. papers

7,573
ext. citations

6.9
avg, IF

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L-index

#	Paper	IF	Citations
217	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, 20737-42	11.5	476
216	Noncovalent assembly. A rational strategy for the realization of chain-growth supramolecular polymerization. <i>Science</i> , 2015 , 347, 646-51	33.3	400
215	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
214	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
213	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
212	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
211	Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 1867-75	2.8	109
210	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
209	Chiroptical Properties of Symmetric Double, Triple, and Multiple Helicenes. <i>Chemical Reviews</i> , 2021 , 121, 2373-2412	68.1	100
208	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
207	Bovine serum albumin-mediated enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylate. <i>Journal of the American Chemical Society</i> , 2003 , 125, 7492-3	16.4	94
206	Symmetry-based rational design for boosting chiroptical responses. <i>Communications Chemistry</i> , 2018 , 1,	6.3	93
205	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
204	Helix Sense-Selective Supramolecular Polymerization Seeded by a One-Handed Helical Polymeric Assembly. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13792-5	16.4	85
203	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
202	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
201	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

200	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, 2707-15	4.2	68
199	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
198	C ₂ Symmetric chiral corannulenes: desymmetrization of bowl inversion equilibrium via "intramolecular" hydrogen-bonding network. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10640-4	16.4	64
197	Energetics of Baird aromaticity supported by inversion of photoexcited chiral [4n]annulene derivatives. <i>Nature Communications</i> , 2017 , 8, 346	17.4	63
196	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
195	Novel cation-pi interaction revealed by crystal structure of thermoalkalophilic lipase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 70, 592-8	4.2	60
194	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	4.7	59
193	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
192	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, 4222-34	2.8	55
191	Dynamic propeller conformation for the unprecedentedly high degree of chiral amplification of supramolecular helices. <i>Chemical Science</i> , 2016 , 7, 6689-6694	9.4	54
190	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
189	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, 8242-3	16.4	53
188	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, 8961-75	16.4	53
187	Supramolecular enantiodifferentiating photoisomerization of cyclooctene with modified beta-cyclodextrins: critical control by a host structure. <i>Chemical Communications</i> , 2008 , 374-6	5.8	51
186	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, 9797-806	4.2	50
185	Dipentamethylene thiuram monosulfide is a novel inhibitor of Pin1. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 384, 394-8	3.4	49
184	Enantiodifferentiating photoisomerization of cyclooctene included and sensitized by aroyl-beta-cyclodextrins: a critical enantioselectivity control by substituents. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7695-701	4.2	49
183	Dynamic switching between single- and double-axial rotaxanes manipulated by charge and bulkiness of axle termini. <i>Organic Letters</i> , 2007 , 9, 4789-92	6.2	47

- 182 Charge-transfer excitation: unconventional yet practical means for controlling stereoselectivity in asymmetric photoreactions. *Chemical Society Reviews*, **2013**, 42, 8122-33 58.5 43
- 181 Supramolecular complexation and enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid with 4-aminoproline derivatives as chiral hydrogen-bonding templates. *Journal of Organic Chemistry*, **2009**, 74, 7908-21 4.2 43
- 180 Ozone-mediated Nitration of Aromatic Compounds with Lower Oxides of Nitrogen (The Kyodai-Nitration). *Synlett*, **1995**, 1995, 383-392 2.2 42
- 179 Inherently Chiral Azonia[6]helicene-Modified β Cyclodextrin: Synthesis, Characterization, and Chirality Sensing of Underivatized Amino Acids in Water. *Journal of Organic Chemistry*, **2016**, 81, 3430-4 4.2 42
- 178 Theoretical and experimental studies of circular dichroism of mono- and diazonia[6]helicenes. *Journal of Physical Chemistry A*, **2013**, 117, 5082-92 2.8 41
- 177 Entropy-controlled supramolecular photochirogenesis: enantiodifferentiating Z-E photoisomerization of cyclooctene included and sensitized by permethylated 6-O-modified beta-cyclodextrins. *Journal of Organic Chemistry*, **2006**, 71, 8233-43 4.2 40
- 176 An Ultimate Stereocontrol in Supramolecular Photochirogenesis: Photocyclodimerization of 2-Anthracenecarboxylate Mediated by Sulfur-Linked β Cyclodextrin Dimers. *Journal of the American Chemical Society*, **2019**, 141, 9225-9238 16.4 39
- 175 Quantum chemical study on the circular dichroism spectra and specific rotation of donor-acceptor cyclophanes. *Journal of Physical Chemistry A*, **2007**, 111, 7995-8006 2.8 39
- 174 Phase-controlled supramolecular photochirogenesis in cyclodextrin nanosponges. *Chemical Communications*, **2013**, 49, 3510-2 5.8 38
- 173 Metal-Organic Nanotube with Helical and Propeller-Chiral Motifs Composed of a C₁₀-Symmetric Double-Decker Nanoring. *Journal of the American Chemical Society*, **2015**, 137, 7628-31 16.4 37
- 172 Wavelength-controlled supramolecular photocyclodimerization of anthracenecarboxylate mediated by β cyclodextrins. *Chemical Communications*, **2011**, 47, 6849-51 5.8 37
- 171 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 4.2 37
- 170 Entropy-controlled supramolecular photochirogenesis: enantiodifferentiating Z-E photoisomerization of cyclooctene included and sensitized by permethylated 6-O-benzoyl-beta-cyclodextrin. *Chemical Communications*, **2005**, 4199-201 5.8 37
- 169 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, 2728-40 2.8 37
- 168 Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. *Angewandte Chemie - International Edition*, **2017**, 56, 14688-14693 16.4 36
- 167 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, 5488-95 2.8 36
- 166 Supramolecular enantiodifferentiating photoisomerization of (Z,Z)-1,3-cyclooctadiene included and sensitized by naphthalene-modified cyclodextrins. *New Journal of Chemistry*, **2007**, 31, 697 3.6 36
- 165 Diastereoselective [2 + 2] photocycloaddition of stilbene to chiral fumarate. Direct versus charge-transfer excitation. *Journal of the American Chemical Society*, **2004**, 126, 1900-6 16.4 36

164	Porphyrin-Based Air-Stable Helical Radicals. <i>Chemistry - A European Journal</i> , 2018 , 24, 572-575	4.8	36
163	Optical Activity and Optical Anisotropy in Photomechanical Crystals of Chiral Salicylidenephenylethylamines. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15066-15077	16.4	35
162	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, 10379-81	16.4	35
161	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		35
160	Irreverent Nature of Dissymmetry Factor and Quantum Yield in Circularly Polarized Luminescence of Small Organic Molecules. <i>Frontiers in Chemistry</i> , 2020 , 8, 448	5	33
159	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
158	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
157	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, 12836-9	5.8	32
156	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
155	Propeller Chirality of Boron Heptaaryldipyrromethene: Unprecedented Supramolecular Dimerization and Chiroptical Properties. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 42-48	6.4	31
154	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, 8754-64	2.8	31
153	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, 3232-47	4.7	31
152	Spiroborate-Based Double-Stranded Helicates: Meso-to- Racemo Isomerization and Ion-Triggered Springlike Motion of the Racemo-Helicate. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17027-17039	16.4	31
151	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. <i>Chemistry - A European Journal</i> , 2018 , 24, 16889-16894	4.8	31
150	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
149	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	2	29
148	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
147	Nickel(0)/N-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, 6018-21	6.2	28

- 146 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, 439-434 28
- 145 Wavelength control of diastereodifferentiating Paterno-Buchi reaction of chiral cyanobenzoates with diphenylethene through direct versus charge-transfer excitation. *Journal of the American Chemical Society*, **2009**, 131, 17076-7 16.4 28
- 144 A combined experimental and theoretical study on the conformation of multiarmed chiral aryl ethers. *Journal of Organic Chemistry*, **2007**, 72, 6998-7010 4.2 28
- 143 Enantiodifferentiating photoaddition of alcohols to 1,1-diphenylpropene in supercritical carbon dioxide: sudden jump of optical yield at the critical density. *Journal of the American Chemical Society*, **2004**, 126, 6568-9 16.4 28
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- 140 Combined Experimental and Theoretical Investigations on Optical Activities of Möbius Aromatic and Möbius Antiaromatic Hexaphyrin Phosphorus Complexes. *Journal of Physical Chemistry A*, **2016**, 120, 4241-8 2.8 24
- 139 Absolute configuration of atropisomeric polychlorinated biphenyl 183 enantiomerically enriched in human samples. *Journal of Physical Chemistry A*, **2012**, 116, 9340-6 2.8 24
- 138 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 5.8 24
- 137 Pressure control of enantiodifferentiating photoisomerization of cyclooctenes sensitized by chiral benzenepolycarboxylates. The origin of discontinuous pressure dependence of the optical yield. *Organic and Biomolecular Chemistry*, **2003**, 1, 4435-40 3.9 24
- 136 A Thioxanthone Sensitizer with a Chiral Phosphoric Acid Binding Site: Properties and Applications in Visible Light-Mediated Cycloadditions. *Chemistry - A European Journal*, **2020**, 26, 5190-5194 4.8 23
- 135 Intense redox-driven chiroptical switching with a 580 mV hysteresis actuated through reversible dimerization of an azoniahelicene. *Chemical Communications*, **2017**, 53, 9059-9062 5.8 23
- 134 Excited-State Dynamics Achieved Ultimate Stereocontrol of Photocyclodimerization of Anthracenecarboxylates on a Glucose Scaffold. *Journal of the American Chemical Society*, **2015**, 137, 15007-14 16.4 23
- 133 Steric hindrance as a mechanistic probe for olefin reactivity: variability of the hydrogenic canopy over the isomeric adamantylideneadamantane/sesquihomoadamantene pair (a combined experimental and theoretical study). *Journal of Organic Chemistry*, **2002**, 67, 5106-16 4.2 23
- 132 Supramolecular Photochirogenesis with a Higher-Order Complex: Highly Accelerated Exclusively Head-to-Head Photocyclodimerization of 2-Anthracenecarboxylic Acid via 2:2 Complexation with Prolinol. *Journal of the American Chemical Society*, **2016**, 138, 12187-201 16.4 23
- 131 Synthesis, Structures, and Optical Properties of Azahelicene Derivatives and Unexpected Formation of Azahepta[8]circulenes. *Chemistry - A European Journal*, **2018**, 24, 7489-7497 4.8 22
- 130 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 10.3 22
- 129 Experimental and Theoretical Studies on the Chiroptical Properties of Donor-Acceptor Binaphthyls. Effects of Dynamic Conformer Population on Circular Dichroism. *Journal of Physical Chemistry Letters*, **2010**, 1, 1809-1812 6.4 22

128	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie</i> , 2017 , 129, 14880-14885	3.6	21
127	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
126	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
125	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, 2582-5	16.4	21
124	Perfect switching of photoreactivity by acid: photochemical decarboxylation versus transesterification of mesityl cyclohexanecarboxylate. <i>Organic Letters</i> , 2000 , 2, 3401-4	6.2	21
123	Diastereodifferentiating the [2+2] photocycloaddition of ethylene to arylmenthyl cyclohexenonecarboxylates: stacking-driven enhancement of the product diastereoselectivity that is correlated with the reactant ellipticity. <i>Chemistry - A European Journal</i> , 2010 , 16, 7448-55	4.8	20
122	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	2	20
121	Inherently chiral molecular clips: synthesis, chiroptical properties, and application to chiral discrimination. <i>Chemistry - A European Journal</i> , 2007 , 13, 2473-9	4.8	20
120	Enhanced photodecarboxylation of an aryl ester in polyethylene films. <i>Organic Letters</i> , 2003 , 5, 4661-4	6.2	20
119	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		20
118	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	16.4	19
117	Discontinuous pressure effect upon enantiodifferentiating photosensitized isomerization of cyclooctene. <i>Chemical Communications</i> , 2002 , 1272-3	5.8	19
116	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	4.2	19
115	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
114	A new class of chiroptical molecular switches based on the redox-induced conformational changes. <i>Organic Letters</i> , 2007 , 9, 3977-80	6.2	18
113	Photoinduced electron transfer oxidation of β -methylstyrene with molecular oxygen sensitized by dimethoxybenzenes: a non-singlet-oxygen mechanism. <i>Tetrahedron Letters</i> , 2001 , 42, 2505-2508	2	18
112	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	4.8	18
111	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

110	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
109	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
108	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, 13432-40	2.8	17
107	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. <i>Organic Letters</i> , 2006 , 8, 1909-12	6.2	17
106	Acid-controlled photoreactions of aryl alkanoates: competition of transesterification, decarboxylation, Fries-rearrangement and/or transposition. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 1187-99	4.2	17
105	Ozone-mediated nitration of alkylbenzenes and related compounds with nitrogen dioxide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993 , 1591		17
104	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, 832-8	2.1	16
103	Diastereodifferentiating photocyclodimerization of 2-anthracenecarboxylate tethered to cellulose scaffold. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4307-10	4.2	16
102	Catalytic Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid Mediated by a Non-Sensitizing Chiral Metallosupramolecular Host. <i>Angewandte Chemie</i> , 2009 , 121, 6803-6805	3.6	16
101	Overttemperature-protection intelligent molecular chiroptical photoswitches. <i>Nature Communications</i> , 2021 , 12, 2600	17.4	16
100	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	4.7	15
99	Manipulating β -cyclodextrin-mediated photocyclodimerization of anthracenecarboxylate by wavelength, temperature, solvent and host. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 190-8	4.2	15
98	Supramolecular FRET photocyclodimerization of anthracenecarboxylate with naphthalene-capped β -cyclodextrin. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 290-7	2.5	15
97	pH-Controlled Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Capped β -Cyclodextrins. <i>Australian Journal of Chemistry</i> , 2008 , 61, 565	1.2	15
96	Absolute configuration determination of donor-acceptor [2.2]paracyclophanes by comparison of theoretical and experimental vibrational circular dichroism spectra. <i>Chirality</i> , 2006 , 18, 205-11	2.1	15
95	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
94	Enantiodifferentiating photocyclodimerization of 2-anthracenecarboxylic acid via competitive binary/ternary hydrogen-bonded complexes with 4-benzamidoprolinol. <i>Organic Letters</i> , 2012 , 14, 4962-5	6.2	14
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