

# Tetsutaro Hattori

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Resolution of a Chiral Open-Chain Host Having a Partial Structure of <i>p</i> - <i>tert</i> -Butylsulfanylcalix[4]arene. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 440-442.	3.2	2
2	Inclusion of Amine Isomers with Open-Chain Hosts Having a Partial Structure of <i>p</i> - <i>tert</i> -Butylthiacalixarene. <i>Journal of Organic Chemistry</i> , 2021, 86, 7046-7058.	3.2	3
3	Mechanistic Consideration for the Selective Inclusion of Disubstituted Benzene Isomers with <i>p</i> - <i>tert</i> -Butylcalix[4]arene Crystals. <i>Crystal Growth and Design</i> , 2021, 21, 5006-5016.	3.0	8
4	Extraction of Pd(II) and Pt(II) from aqueous hydrochloric acid with 1,3-diaminocalix[4]arene: switching of the extraction selectivity by using different extraction modes. <i>RSC Advances</i> , 2020, 10, 35473-35479.	3.6	4
5	Enantioselective inclusion of pyrene-1-sulfonate salts of $\hat{L}$ -amino acids with crystals of $\hat{L}$ -cyclodextrin. <i>Tetrahedron</i> , 2020, 76, 131100.	1.9	5
6	Acylation of Alkenes with the Aid of AlCl <sub>3</sub> and 2,6-Dibromopyridine. <i>Organic Letters</i> , 2019, 21, 8509-8513.	4.6	11
7	Selective Extraction of Zr(IV) over Hf(IV) from Aqueous Hydrochloric Acid with <i>p</i> - <i>tert</i> -Butylcalix[4]arene-diphosphonic Acid. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 967-972.	3.2	4
8	Inclusion of Alkanes with a Crystal Consisting of Exocavity Complexes of <i>p</i> - <i>tert</i> -Butylthiacalix[4]arene with Diethylamine: Extension of Guest Scope by Changing the Structure of Inclusion Crystals. <i>Crystal Growth and Design</i> , 2019, 19, 7022-7029.	3.0	13
9	Identification of number and type of cations in water-soluble Cs <sup>+</sup> and Na <sup>+</sup> calix[4]arene-bis-crown-6 complexes by using ESI-TOF-MS. <i>Chemosphere</i> , 2018, 197, 181-184.	8.2	10
10	Design and Synthesis of Open-Chain Hosts Having a Partial Structure of <i>p</i> - <i>tert</i> -Butylthiacalixarene. <i>Journal of Organic Chemistry</i> , 2018, 83, 2235-2243.	3.2	6
11	Selective guest inclusion by crystals of calixarenes: potential for application as separation materials. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018, 90, 261-277.	1.6	31
12	Recovery of host crystals from inclusion crystals of <i>p</i> - <i>tert</i> -butylcalix[4]arene and <i>p</i> - <i>tert</i> -butylthiacalix[4]arene by the treatment with a solvent and/or supercritical CO <sub>2</sub> . <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018, 90, 279-285.	1.6	7
13	Electrophilic Borylation of Terminal Alkenes with BBr <sub>3</sub> /2,6-Disubstituted Pyridines. <i>Organic Letters</i> , 2018, 20, 1828-1831.	4.6	37
14	1,3-Bis(pyren-1-yliminomethyl)calix[4]arene as a selective fluorescent turn-on sensor for mercury(II) ion. <i>Supramolecular Chemistry</i> , 2018, 30, 179-183.	1.2	8
15	Competitive Inclusion of Carboxylic Acids with a Metastable Crystal Polymorph of <i>p</i> - <i>tert</i> -Butylthiacalix[4]arene. <i>Crystal Growth and Design</i> , 2017, 17, 891-900.	3.0	24
16	AlBr <sub>3</sub> -Mediated Tandem Cyclization—Carboxylation of Allenylbenzenes with CO <sub>2</sub> in the Presence of Pyridines. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 419-421.	3.2	4
17	Competitive Inclusion of Disubstituted Benzene Regioisomers with Crystals of <i>p</i> - <i>tert</i> -Butylcalix[4]arene. <i>Crystal Growth and Design</i> , 2017, 17, 5038-5043.	3.0	22
18	Inclusion of Methylamines with the Crystal of <i>p</i> - <i>tert</i> -Butylthiacalix[4]arene: Inclusion Selectivity and Its Switching by Solvent Polarity. <i>Crystal Growth and Design</i> , 2016, 16, 4671-4678.	3.0	21

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19	EtAlCl <sub>2</sub> /2,6-Disubstituted Pyridine-Mediated Carboxylation of Alkenes with Carbon Dioxide. <i>Organic Letters</i> , 2016, 18, 2576-2579.	4.6	50
20	Pd(II) Complexes Ligated by 1,3-Bis(diphenylphosphino)calix[4]arene: Preparation, X-ray Structures, and Catalyses. <i>Organometallics</i> , 2016, 35, 420-427.	2.3	13
21	Me <sub>2</sub> AlCl-mediated carboxylation, ethoxycarbonylation, and carbamoylation of indoles. <i>Tetrahedron</i> , 2016, 72, 734-745.	1.9	44
22	Photoracemization of Blestriarene C and Its Analogs. <i>Chirality</i> , 2015, 27, 479-486.	2.6	8
23	Comparison of inclusion properties between p-tert-butylcalix[4]arene and p-tert-butylthiacalix[4]arene towards primary alcohols in crystals. <i>CrystEngComm</i> , 2015, 17, 4799-4808.	2.6	21
24	Lewis acid-mediated $\hat{I}^2$ -selective hydrocarboxylation of $\hat{I}^{\pm}, \hat{I}^{\pm}$ -diaryl- and $\hat{I}^{\pm}$ -arylalkenes with R <sub>3</sub> SiH and CO <sub>2</sub> . <i>Tetrahedron Letters</i> , 2015, 56, 3830-3834.	1.4	9
25	1,3-Diiodocalix[4]arene: Synthesis by Ullmann-Type Iodination of 1,3-Bistriflate Ester of Calix[4]arene, Conformational Analysis, and Transformation into 1,3-Dicarboxy-, Diformyl-, and Dialkylcalix[4]arenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 1070-1081.	3.2	4
26	Effect of Solvent Polarity on Enantioselectivity in <i>Candida Antarctica</i> Lipase B Catalyzed Kinetic Resolution of Primary and Secondary Alcohols. <i>Journal of Organic Chemistry</i> , 2015, 80, 521-527.	3.2	27
27	Sulfonyl-bridged oligo(benzoic acid)s: synthesis, X-ray structures, and properties as metal extractants. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 78, 161-170.	1.6	2
28	Regioselective synthesis of 1,2- and 1,3-diaminothiacalix[4]arenes via nucleophilic aromatic substitution and their X-ray structures. <i>RSC Advances</i> , 2014, 4, 9608.	3.6	6
29	Switching of the Diastereomer Deposited during the Crystallization of <i>N</i> -[( <i>S</i> )-1-Phenylethyl]-2- $\epsilon^2$ -carbamoyl-1,1 $\epsilon^2$ -binaphthalene-2-carboxylic Acid: Investigation of the Mechanism of Dielectrically Controlled Resolution. <i>Journal of Organic Chemistry</i> , 2013, 78, 597-605.	3.2	17
30	Unique inclusion behaviour of 5,11,17,23-tetra- <i>tert</i> -butyl-25,26,27,28-tetraaminothiacalix[4]-arene towards small organic molecules. <i>Supramolecular Chemistry</i> , 2013, 25, 812-818.	1.2	7
31	Absorption of Chlorinated Hydrocarbons Dissolved in Water with Pellets Made of <i>p</i> - <i>tert</i> -Butylcalix[4]arene and Silica Gel. <i>Chemistry Letters</i> , 2012, 41, 1412-1413.	1.3	16
32	Direct Carboxylation of Thiophenes and Benzothiophenes with the Aid of EtAlCl <sub>2</sub> . <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 369-371.	3.2	27
33	Selective Extraction of Heavy Rare-earth Metal Ions with a Novel Calix[4]arene-based Diphosphonic Acid. <i>Chemistry Letters</i> , 2012, 41, 1520-1522.	1.3	14
34	Electrophilic Aromatic Substitution of Arenes with CO <sub>2</sub> Mediated by R <sub>3</sub> SiB(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> . <i>Chemistry Letters</i> , 2012, 41, 913-914.	1.3	20
35	Synthesis of novel dihydroxydiphosphines and dihydroxydicarboxylic acids having a tetra(thio-1,3-phenylene-2-yl) backbone. <i>Supramolecular Chemistry</i> , 2011, 23, 144-155.	1.2	6
36	Unique Inclusion Properties of Crystalline Powder <i>p</i> - <i>tert</i> -Butylthiacalix[4]arene toward Alcohols and Carboxylic Acids. <i>Organic Letters</i> , 2011, 13, 3292-3295.	4.6	31

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37	Synthesis of Mono- and 1,3-Diaminocalix[4]arenes via Ullmann-Type Amination and Amidation of 1,3-Bistriflate Esters of Calix[4]arenes. <i>Journal of Organic Chemistry</i> , 2011, 76, 2168-2179.	3.2	16
38	Direct Carboxylation of Arenes and Halobenzenes with CO <sub>2</sub> by the Combined Use of AlBr <sub>3</sub> and R <sub>3</sub> SiCl. <i>Journal of Organic Chemistry</i> , 2010, 75, 7855-7862.	3.2	77
39	Carboxylation of indoles and pyrroles with CO <sub>2</sub> in the presence of dialkylaluminum halides. <i>Tetrahedron Letters</i> , 2009, 50, 4512-4514.	1.4	50
40	Crystallization-based optical resolution of 1,1'-binaphthalene-2,2'-dicarboxylic acid via 1-phenylethylamides: control by the molecular structure and dielectric property of solvent. <i>Tetrahedron Letters</i> , 2009, 50, 1998-2002.	1.4	11
41	Mercury(II) sensors based on calix[4]arene derivatives as receptor molecules. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 290-294.	7.8	41
42	Nitrogen-directed ortho-arylation and -heteroarylation of aromatic rings catalyzed by ruthenium complexes. <i>Tetrahedron</i> , 2008, 64, 6051-6059.	1.9	100
43	Resolution of inherently chiral anti-O,O'-dialkylthiacalix[4]arenes and determination of their absolute stereochemistries. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1470-1475.	1.8	7
44	Simple and Effective 3D Recognition of Domoic Acid Using a Molecularly Imprinted Polymer [J. Am. Chem. Soc. 2007, 129, 13626-13632]. <i>Journal of the American Chemical Society</i> , 2008, 130, 774-774.	13.7	1
45	Synthesis of Dinuclear Boron Complexes of Sulfinylcalix[4]arenes: Syn/Anti Stereocontrol by the Arrangement of the Sulfinyl Functions. <i>Organic Letters</i> , 2008, 10, 2845-2848.	4.6	7
46	Sulfur-bridged Oligo(benzoic acid)s as a Novel Family of Metal Extractants. <i>Chemistry Letters</i> , 2008, 37, 1228-1229.	1.3	4
47	Synthesis of a Sulfur-bridged Diphosphine Ligand and Its Unique Complexation Properties toward Palladium(II) Ion. <i>Chemistry Letters</i> , 2008, 37, 418-419.	1.3	13
48	Conformational Analysis of Diastereomeric $\alpha$ -Amino Nitriles. <i>Journal of Computer Chemistry Japan</i> , 2008, 7, 117-124.	0.1	0
49	Conformational Behaviors of Tetra-O-methylsulfinylcalix[4]arenes: An Approach to Control the Conformation of Thiacalix[4]arenes by Oxidizing Sulfur Bridges. <i>Journal of Organic Chemistry</i> , 2007, 72, 8327-8331.	3.2	20
50	Simple and Effective 3D Recognition of Domoic Acid Using a Molecularly Imprinted Polymer. <i>Journal of the American Chemical Society</i> , 2007, 129, 13626-13632.	13.7	57
51	Synthesis and binding studies of novel thiacalixpodands and bithiacalixarenes having O,O'-dialkylated thiacalix[4]arene unit(s) of 1,3-alternate conformation. <i>Tetrahedron Letters</i> , 2007, 48, 1581-1585.	1.4	32
52	Synthesis and X-ray structures of iodothiacalix[4]arenes. <i>Tetrahedron Letters</i> , 2007, 48, 5293-5296.	1.4	8
53	Intramolecular rearrangement of 1,3-bistriflate ester of thiacalix[4]arene to 1,2-counterpart: an efficient di-O-protection method for the stereoselective synthesis of anti-1,2-diethers. <i>Tetrahedron Letters</i> , 2007, 48, 6281-6285.	1.4	10
54	Ullmann coupling reaction of 1,3-bistriflate esters of calix[4]arenes: facile syntheses of monoaminocalix[4]arenes and 4,4'-bis(6,6'-diepithiobis(phenoxathiine)). <i>Tetrahedron Letters</i> , 2007, 48, 7660-7664.	1.4	17

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55	(2R,3aS,8aR)-2-(4-Methoxyphenyl)-3,3a,8,8a-tetrahydro-2H-indeno[1,2-d]oxazole. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o420-o421.	0.2	0
56	Thiacalixarenes. Chemical Reviews, 2006, 106, 5291-5316.	47.7	629
57	Beneficial Effect of TMSCl in the Lewis Acid-mediated Carboxylation of Aromatic Compounds with Carbon Dioxide. Chemistry Letters, 2006, 35, 820-821.	1.3	31
58	Oxidation of cyclohexene with molecular oxygen catalyzed by cobalt porphyrin complexes immobilized on montmorillonite. Journal of Molecular Catalysis A, 2006, 258, 172-177.	4.8	75
59	Highly regioselective [2+2+2] cycloaddition of terminal alkynes catalyzed by titanium complexes of p-tert-butylthiacalix[4]arene. Tetrahedron Letters, 2006, 47, 1157-1161.	1.4	35
60	Resolution of inherently chiral anti-O,O'-dialkylated calix[4]arenes and determination of their absolute stereochemistries by CD and X-ray methods. Tetrahedron: Asymmetry, 2005, 16, 793-800.	1.8	37
61	Synthesis and binding studies of novel bisthiacalix[4]arenes with diimide linkages. Tetrahedron Letters, 2005, 46, 121-124.	1.4	36
62	Two-Dimensional Supramolecular Arrangements of Enantiomers and Racemic Modification of 1,1'-Binaphthyl-2,2'-Dicarboxylic Acid. Langmuir, 2005, 21, 9206-9210.	3.5	13
63	Asymmetric synthesis of ternaphthalenes via an ester-mediated nucleophilic aromatic substitution reaction. Tetrahedron: Asymmetry, 2004, 15, 881-887.	1.8	8
64	Interconversion Between syn and anti Conformations of 1,3-Bis(O-cyanomethyl)-p-tert-butylthiacalix[4]arene.. ChemInform, 2004, 35, no.	0.0	0
65	Stereoselective synthesis of all stereoisomers of vicinal and distal bis(O-2-aminoethyl)-p-tert-butylthiacalix[4]arene. Tetrahedron, 2004, 60, 5881-5887.	1.9	28
66	Synthesis of an inherently chiral O,O'-bridged thiacalix[4]crown carboxylic acid and its application to a chiral solvating agent. Tetrahedron, 2004, 60, 7827-7833.	1.9	53
67	Racemic [1SR,2RS,(RS)]-N-cyano(phenyl)methyl-1-aminoindan-2-ol: crystal structure and reactivity towards thermal epimerization in the solid state. Tetrahedron, 2004, 60, 10553-10557.	1.9	5
68	Stereoselective dialkylation of the proximal hydroxy groups of calix- and thiacalix[4]arenes. Organic and Biomolecular Chemistry, 2004, 2, 890.	2.8	20
69	Epimerization of Diastereomeric $\hat{\pm}$ -Amino Nitriles to Single Stereoisomers in the Solid State. Organic Letters, 2004, 6, 2241-2244.	4.6	40
70	Interconversion between syn and anti Conformations of 1,3-Bis(O-cyanomethyl)-p-tert-butylthiacalix[4]arene. Chemistry Letters, 2004, 33, 184-185.	1.3	7
71	Dinuclear Titanium(IV) Complex of p-tert-Butylthiacalix[4]arene as a Novel Bidentate Lewis Acid Catalyst.. ChemInform, 2003, 34, no.	0.0	0
72	Synthesis and Optical Resolution of an anti-O,O'-Dialkylated Calix[4]arene.. ChemInform, 2003, 34, no.	0.0	0

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73	Lewis Acid-Mediated Carboxylation of Aryl- and Allylsilanes with Carbon Dioxide.. ChemInform, 2003, 34, no.	0.0	0
74	Synthesis of All Stereoisomers of Sulfinylcalix[4]arenes1. Journal of Organic Chemistry, 2003, 68, 2324-2333.	3.2	46
75	Synthesis, Resolution, and Absolute Stereochemistry of (âˆ™)-Blestriarene C. Journal of Organic Chemistry, 2003, 68, 2099-2108.	3.2	62
76	Synthesis and Optical Resolution of ananti-O,Oâ€²-Dialkylated Calix[4]arene. Chemistry Letters, 2003, 32, 320-321.	1.3	17
77	Lewis Acid-Mediated Carboxylation of Aryl- and Allylsilanes with Carbon Dioxide. Chemistry Letters, 2003, 32, 454-455.	1.3	30
78	Lewis Acid-Mediated Carboxylation of Fused Aromatic Compounds with Carbon Dioxide. Chemistry Letters, 2002, 31, 102-103.	1.3	38
79	7-Mesityl-2,2-dimethylindan-1-ol: a novel alcohol which serves as both a chiral auxiliary and a protective group for carboxy functions. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 377-383.	1.3	9
80	First determination of the absolute stereochemistry of a naturally occurring 1,1â€²-biphenanthrene, (âˆ™)-blestriarene C, and its unexpected photoracemization. Chemical Communications, 2002, , 2234-2235.	4.1	16
81	Synthesis of 3,6-dihydro-2H-pyran-2-ones via cationic palladium(II) complex-catalyzed tandem [2+2] cycloaddition-allylic rearrangement of ketene with Î±,Î²-unsaturated aldehydes and ketones. Tetrahedron, 2002, 58, 5215-5223.	1.9	31
82	Dinuclear titanium(IV) complex of p-tert-butylthiacalix[4]arene as a novel bidentate Lewis acid catalyst. Tetrahedron Letters, 2002, 43, 7769-7772.	1.4	43
83	Nucleophilic aromatic substitution on 1-alkoxy-2-nitronaphthalene by 1-naphthyl Grignard reagents for the synthesis of 2-nitro-1,1â€²-binaphthyls. Tetrahedron, 2002, 58, 233-238.	1.9	25
84	Synthesis of 3,6-dihydro-2H-pyran-2-ones via Cationic Palladium(II) Complex-Catalyzed Tandem [2 + 2] Cycloaddition-Allylic Rearrangement of Ketene with Î±,Î²-Unsaturated Aldehydes and Ketones.. ChemInform, 2002, 33, 156-156.	0.0	0
85	Calix[4]arenes Comprised of Aniline Units. Journal of the American Chemical Society, 2001, 123, 779-780.	13.7	77
86	Efficient 1,8- and 1,9-asymmetric inductions in the Grignard reaction of Î³- and É-keto esters of 1,1â€²-binaphthalen-2-ols with an oligoether tether as the 2â€²-substituent: application to the synthesis of (âˆ™)-malyngolide. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 645-653.	1.3	21
87	Use of a racemic derivatizing agent for measurement of enantiomeric excess by circular dichroism spectroscopy. Tetrahedron Letters, 2001, 42, 8015-8018.	1.4	25
88	Highly stereospecific conversion of C-centrochirality of a 3,4-dihydro-2H-1,1â€²-binaphthalen-1-ol into axial chirality of a 3,4-dihydro-1,1â€²-binaphthalene. Tetrahedron Letters, 2001, 42, 8035-8038.	1.4	64
89	Cationic palladium(ii) complex-catalyzed [2 + 2] cycloaddition and tandem cycloaddition-allylic rearrangement of ketene with aldehydes: an improved synthesis of sorbic acid. Chemical Communications, 2000, , 73-74.	4.1	32
90	Pseudo-macrocyclic chelation control in remote asymmetric induction. Highly efficient 1,7-asymmetric inductive hydride reduction and Grignard reaction of Î³-keto esters of 1,1â€²-binaphthalen-2-ols bearing an appropriate oligoether group as the 2â€²-substituent. Journal of the Chemical Society Perkin Transactions 1, 1999, , 1685-1694.	0.9	14

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91	1-Arylfluorens: Convenient preparation via the ester-mediated nucleophilic aromatic substitution protocol, facile racemization, and intrinsic chiral induction ability. <i>Chirality</i> , 1998, 10, 619-626.	2.6	4
92	Accelerating effect of meta substituents in the ester-mediated nucleophilic aromatic substitution reaction. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 3661-3672.	0.9	14
93	Is the CD Exciton Chirality Method Applicable to Chiral 1,1'-Biphenanthryl Compounds?. <i>Journal of the American Chemical Society</i> , 1998, 120, 9086-9087.	13.7	31
94	Ester-Mediated Nucleophilic Aromatic Substitution of 2,3-Alkylidenedioxybenzoic Esters by Aryl Lithium Reagents. <i>Chemistry Letters</i> , 1997, 26, 641-642.	1.3	5
95	Chelation-assisted nucleophilic aromatic substitution of 2-sulfonyl-substituted 1-methoxynaphthalenes by Grignard reagents: factors determining the activating ability of the 2-sulfonyl substituents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1117-1124.	0.9	17
96	Development and Application of Ester-Mediated Nucleophilic Aromatic Substitution Reaction.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1997, 55, 121-131.	0.1	12
97	Highly stereospecific conversion of planar chirality of a cyclophane into axial chirality of binaphthyls. <i>Tetrahedron Letters</i> , 1996, 37, 2057-2060.	1.4	19
98	Convenient Synthesis of Triarylamines via Ester-Mediated Nucleophilic Aromatic Substitution. <i>Synthesis</i> , 1996, 1996, 514-518.	2.3	18
99	1,12-Dioxo[12](1,4)naphthalenophane-14-carboxylic acid: practical synthesis, resolution and absolute configuration of the enantiomers. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1043-1046.	1.8	24
100	Practical Synthesis of 4'-Methylbiphenyl-2-carboxylic Acid. <i>Synthesis</i> , 1995, 1995, 41-43.	2.3	6
101	Nucleophilic aromatic substitution of 2-sulfonyl-substituted 1-methoxynaphthalenes with Grignard reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1473.	0.9	7
102	Facile construction of the 1-phenylnaphthyl skeleton via an ester-mediated nucleophilic aromatic substitution reaction. Applications to the synthesis of phenylnaphthalide lignans. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 235.	0.9	23
103	Nucleophilic Aromatic Substitution Reactions of 1-Methoxy-2-(diphenylphosphinyl)naphthalene with C-, N-, and O-Nucleophiles: Facile Synthesis of Diphenyl(1-substituted-2-naphthyl)phosphines. <i>Synthesis</i> , 1994, 1994, 199-202.	2.3	31
104	Absolute configuration of 3,3'-dihydroxy-4,4'-biphenanthryl as determined by the stereochemistry of cyclic diester formation with 1,1'-binaphthyl-2,2'-dicarboxylic acid. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1899-1900.	1.8	14
105	Asymmetric synthesis of axially chiral 1,1'-biphenyl-2-carboxylates via nucleophilic aromatic substitution on 2-methoxybenzoates by aryl Grignard reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 2273-2282.	0.9	21
106	Absolute stereochemistry of 1-(9-phenanthryl)-2-naphthoic acid as determined by CD and X-ray methods. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1789-1792.	1.8	16
107	Convenient Synthesis of 1,1'-Binaphthyl-2,2'-dicarboxylic Acid. <i>Synthesis</i> , 1993, 1993, 895-898.	2.3	19
108	Convenient Synthesis of Biphenyl-2-carboxylic Acids via the Nucleophilic Aromatic Substitution Reaction of 2-Methoxybenzoates by Aryl Grignard Reagents. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 3034-3040.	3.2	34

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109	Facile Alkoxy Exchange of 2-Methoxybenzoates via Nucleophilic Aromatic Substitution with Sodium Alkoxides in Dimethylformamide. Bulletin of the Chemical Society of Japan, 1993, 66, 3840-3842.	3.2	14
110	Nucleophilic Aromatic Substitution on 1-Alkoxy-2-naphthoates with 1-Naphthyl Grignard Reagents. A Practical and Convenient Asymmetric Synthesis of 1,1'-Binaphthyl-2-carboxylates. Bulletin of the Chemical Society of Japan, 1993, 66, 613-622.	3.2	67
111	Application of Axially Dissymmetric 1,1'-Binaphthyl Derivatives to Chiral Derivatizing Agents.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1992, 50, 986-996.	0.1	2
112	A practical and efficient method for the construction of the biphenyl framework; nucleophilic aromatic substitution on 2-methoxybenzoates with aryl grignard reagents. Journal of the Chemical Society Chemical Communications, 1991, , 1375.	2.0	12
113	An Efficient Asymmetric Synthesis of Atropisomeric 1,1'-Binaphthyls via Nucleophilic Aromatic Substitution Reaction. Chemistry Letters, 1990, 19, 807-810.	1.3	20