

# Takashi Mino

## List of Publications by Year in descending order

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207  
papers

4,172  
citations

156536

32  
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214428

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270  
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270  
docs citations

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times ranked

3084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral Binaphthyl-Based Iodonium Salt (Hypervalent Iodine(III)) as Hydrogen- and Halogen-Bonding Bifunctional Catalyst: Insight into Abnormal Counteranion Effect and Asymmetric Synthesis of <i>N,S</i> -Acetals. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1091-1098.	2.1	22
2	Attrition-Enhanced Asymmetric Transformation of Axially Chiral Nicotinamides by Dynamic Chiral Salt Formation. <i>ChemPlusChem</i> , 2022, 87, e202100504.	1.3	2
3	Chiral Symmetry Breaking of Monoacylated Anhydroerythritols and <i>meso</i> -1,2-Diols through Crystallization-Induced Deracemization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
4	Synthesis and Catalysis of NHC Coordinated Cyclometalated Palladium(II) Complexes with Bridging Hydroxide Ligands. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1763-1768.	2.1	7
5	Synthesis of 3-Allylindoles via Annulation of <i>N</i> -Allyl-2-ethynylaniline Derivatives Using a P,Olefin Type Ligand/Pd(0) Catalyst. <i>Journal of Organic Chemistry</i> , 2022, , .	1.7	3
6	Behavior of All Chiral Standard Amino Acids for Chiral Symmetry Breaking of <i>p</i> -Anisoin. <i>Crystal Growth and Design</i> , 2022, 22, 4673-4679.	1.4	2
7	Phase-transfer catalysed asymmetric synthesis of $\hat{\pm}$ -chiral tetrasubstituted $\hat{\pm}$ -aminothioesters. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6402-6406.	1.5	2
8	Iminophosphorane-mediated regioselective umpolung alkylation reaction of $\hat{\pm}$ -iminoesters. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4551-4564.	1.5	3
9	Asymmetric Anisoin Synthesis Involving Benzoin Condensation Followed by Deracemization. <i>Crystal Growth and Design</i> , 2021, 21, 2423-2428.	1.4	7
10	Chirogenesis and Amplification of Molecular Chirality Using Optical Vortices. <i>Angewandte Chemie</i> , 2021, 133, 12929-12933.	1.6	5
11	Chirogenesis and Amplification of Molecular Chirality Using Optical Vortices. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12819-12823.	7.2	23
12	Asymmetric Synthesis of Indoline from Achiral Phthalimide Involving Crystallization-Induced Deracemization. <i>Chemistry - A European Journal</i> , 2021, 27, 16338-16341.	1.7	9
13	Bromonium salts: diaryl- $\lambda^3$ -bromanes as halogen-bonding organocatalysts. <i>Chemical Communications</i> , 2021, 57, 2519-2522.	2.2	29
14	Chiral Hypervalent Bromine(III) (Bromonium Salt): Hydrogen- and Halogen-Bonding Bifunctional Asymmetric Catalysis by Diaryl- $\lambda^3$ -bromanes. <i>ACS Catalysis</i> , 2021, 11, 13028-13033.	5.5	33
15	Chiral Symmetry Breaking of Racemic 3-Phenylsuccinimides via Crystallization-Induced Dynamic Deracemization. <i>Crystal Growth and Design</i> , 2021, 21, 6051-6055.	1.4	9
16	Cinnamoyl amide type chiral P,olefin ligands for Pd-catalyzed reactions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10385-10389.	1.5	4
17	A new class of polychlorinated compounds derived from <i>o</i> -chloranil. <i>Tetrahedron Letters</i> , 2020, 61, 152268.	0.7	0
18	Chiral Symmetry Breaking of Thiohydantoins by Attrition-Enhanced Deracemization. <i>Crystal Growth and Design</i> , 2020, 20, 4898-4903.	1.4	15

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19	Attrition-Enhanced Deracemization and Absolute Asymmetric Synthesis of Flavanones from Prochiral Precursors. <i>Crystal Growth and Design</i> , 2020, 20, 5676-5681.	1.4	16
20	Chiral P,Olefin Ligands with Rotamers for Palladium-Catalyzed Asymmetric Allylic Substitution Reactions. <i>Synlett</i> , 2020, 32, .	1.0	2
21	Absolute Asymmetric Synthesis Involving Chiral Symmetry Breaking in Diels-Alder Reaction. <i>Symmetry</i> , 2020, 12, 910.	1.1	19
22	Crystallization-induced diastereomer transformation of thiohydantoin derivatives. <i>Tetrahedron</i> , 2020, 76, 131166.	1.0	13
23	Attrition-Enhanced Deracemization of Axially Chiral Nicotinamides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1001-1005.	1.2	7
24	A new class of dimeric product isolated from the fungus <i>Chaetomium globosum</i> : evaluation of chemical structure and biological activity. <i>Journal of Antibiotics</i> , 2020, 73, 320-323.	1.0	5
25	Absolute Asymmetric Synthesis of an Aspartic Acid Derivative from Prochiral Maleic Acid and Pyridine under Achiral Conditions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4150-4153.	1.7	16
26	Synthesis of 7-Allylated Benzofuran Derivatives from <i>o</i> -Allyloxyethynylbenzene via Claisen Rearrangement and TBAF-Catalyzed Annulation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1635-1645.	1.2	7
27	Synthesis and application of P,olefin type axially chiral ligands with <i>sec</i> -alkyl groups. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1455-1465.	1.5	20
28	Asymmetric syntheses and applications of planar chiral hypervalent iodine(V) reagents with crown ether backbones. <i>Tetrahedron</i> , 2019, 75, 3840-3849.	1.0	15
29	Chemoselective Catalytic Asymmetric Synthesis of Functionalized Aminals Through the Umpolung Organocascade Reaction of $\pm$ -Imino Amides. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2737-2743.	1.7	7
30	A new class of flavonoids bearing macrocyclic polyethers by stereoselective photochemical cycloaddition reaction. <i>Tetrahedron</i> , 2019, 75, 3911-3916.	1.0	2
31	Chiral Symmetry Breaking of Spiropyrans and Spirooxazines by Dynamic Enantioselective Crystallization. <i>Chemistry - A European Journal</i> , 2019, 25, 9758-9763.	1.7	9
32	Chemo- and Regioselective Asymmetric Synthesis of Cyclic Enamides through the Catalytic Umpolung Organocascade Reaction of $\pm$ -Imino Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 7362-7371.	1.7	10
33	Stereoselective Photodimerization of 3-Arylindenones in Solution and in the Solid State. <i>Journal of Organic Chemistry</i> , 2018, 83, 2256-2262.	1.7	10
34	Hydrazone-Pd-catalyzed direct intermolecular reaction of <i>o</i> -alkynylphenols with allylic acetates. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 575-584.	1.5	7
35	A Facile Synthesis of <i>C</i> <sub>2</sub> -Symmetric Macrocyclic Polyethers by Photodimerization of Covalently-linked Flavonoid Derivatives. <i>Chemistry Letters</i> , 2018, 47, 160-162.	0.7	1
36	Umpolung cyclization reaction of <i>N</i> -cinnamoylthioureas in the presence of DBU. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7910-7919.	1.5	4

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37	<i>N,N</i> -Disubstituted Allylic Amine Type Aminophosphines with C(aryl)-N(amine) Bond Axial Chirality: Synthesis and Application to Palladium-Catalyzed Asymmetric Allylic Alkylation with Malonates. <i>Journal of Oleo Science</i> , 2018, 67, 1189-1199.	0.6	4
38	Regio- and Enantioselective Synthesis of $\alpha$ -Amino $\beta$ -Ketoesters Through Catalytic Umpolung Reaction of $\alpha$ -Aminoesters with Enones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4142-4146.	2.1	13
39	Asymmetric Diels-Alder Reaction Involving Dynamic Enantioselective Crystallization. <i>Journal of Organic Chemistry</i> , 2018, 83, 9300-9304.	1.7	28
40	Highly efficient blue emission from boron complexes of 1-( <i>o</i> -hydroxyphenyl)imidazo[1,5- <i>a</i> ]pyridine. <i>Tetrahedron</i> , 2018, 74, 3728-3733.	1.0	20
41	The second-generation synthesis of BICMAP analogues. <i>Tetrahedron</i> , 2018, 74, 3871-3878.	1.0	1
42	Fluorescent <i>N</i> -Heteroarenes Having Large Stokes Shift and Water Solubility Suitable for Bioimaging. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1614-1619.	1.3	16
43	Hydrazone-Palladium Catalyzed Reactions Using Allyl Compounds. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 828-837.	0.0	2
44	Synthesis of <i>o</i> -Allyloxy(ethynyl)benzene Derivatives by Cu-Catalyzed Suzuki-Miyaura Type Reaction and Their Transformations into Heterocyclic Compounds. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2359-2368.	1.2	12
45	Hydrazone-Cu-Catalyzed Suzuki-Miyaura Type Reactions of Dibromoalkenes with Arylboronic Acids. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3612-3619.	1.2	3
46	Asymmetric Synthesis by Using Natural Sunlight under Absolute Achiral Conditions. <i>Chemistry - A European Journal</i> , 2017, 23, 1717-1721.	1.7	22
47	Organocatalytic Highly Regio- and Enantioselective Umpolung Michael Addition Reaction of $\alpha$ -Amino Esters. <i>Chemistry - A European Journal</i> , 2017, 23, 12749-12753.	1.7	19
48	Asymmetric Synthesis Involving Reversible Photodimerization of a Prochiral Flavonoid Followed by Crystallization. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6878-6881.	1.2	10
49	Synthesis of Dimeric Imidazo[1,5- <i>a</i> ]pyridines and Their Photophysical Properties. <i>ChemistrySelect</i> , 2017, 2, 10694-10698.	0.7	9
50	Palladium-Catalyzed Mizoroki-Heck Reaction of Aryl Iodides with Allyl Aryl Ethers Using Imidazo[1,5- <i>a</i> ]pyridines. <i>ChemistrySelect</i> , 2017, 2, 10143-10145.	0.7	6
51	Asymmetric Synthesis Using Crystal Chirality. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 509-521.	0.0	3
52	BINOL-Al catalyzed kinetic resolution of citronellal analogues: synthesis of a variety of fragrances. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 698-705.	1.8	4
53	Asymmetric Synthesis of an Amino Acid Derivative from Achiral Aroyl Acrylamide by Reversible Michael Addition and Preferential Crystallization. <i>Chemistry - A European Journal</i> , 2016, 22, 16429-16432.	1.7	17
54	Hydrazone-palladium catalyzed annulation of 1-cinnamyloxy-2-ethynylbenzene derivatives. <i>Organic Chemistry Frontiers</i> , 2016, 3, 979-984.	2.3	19

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55	Asymmetric Synthesis Using Chiral Crystals of Coumarin-3-carboxamides and Carbenoids. <i>Chemistry Letters</i> , 2016, 45, 1310-1312.	0.7	6
56	Palladium-catalyzed Mizoroki-Heck Reaction Using Imidazo[1,5- <i>b</i> ]pyridines. <i>ChemistrySelect</i> , 2016, 1, 4560-4563.	0.7	15
57	Chiral N-1-adamantyl-N-trans-cinnamylaniline type ligands: synthesis and application to palladium-catalyzed asymmetric allylic alkylation of indoles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7509-7519.	1.5	33
58	Facile synthesis of amino acid-derived novel chiral hypervalent iodine(V) reagents and their applications. <i>Tetrahedron Letters</i> , 2016, 57, 5103-5107.	0.7	21
59	Reversible changes of axial chirality of naphthamide by photochemical and thermal reactions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 110-114.	2.0	0
60	Involvement of Lipocalin-like CghA in Decalin-Forming Stereoselective Intramolecular [4+2] Cycloaddition. <i>ChemBioChem</i> , 2015, 16, 2294-2298.	1.3	80
61	A new class of C2 chiral photodimer ligands for catalytic enantioselective diethylzinc addition to arylaldehydes. <i>Tetrahedron</i> , 2015, 71, 6254-6258.	1.0	8
62	Chiral N-(tert-butyl)-N-methylaniline type ligands: synthesis and application to palladium-catalyzed asymmetric allylic alkylation. <i>Tetrahedron</i> , 2015, 71, 5985-5993.	1.0	20
63	BINOL-Al catalysed asymmetric cyclization and amplification: preparation of optically active menthol analogs. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5817-5825.	1.5	6
64	BICMAP-rhodium(I)-catalyzed asymmetric 1,4-addition of arylboronic acids to coumarins. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1065-1068.	1.8	12
65	Total Resolution of Racemates by Dynamic Preferential Crystallization. , 2015, , 445-462.		21
66	Hydrazone-palladium catalyzed annulation of 1-allyl-2-bromobenzene derivatives with internal alkynes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11645-11650.	1.5	8
67	Cytochrome P450 as Dimerization Catalyst in Diketopiperazine Alkaloid Biosynthesis. <i>ChemBioChem</i> , 2014, 15, 656-659.	1.3	77
68	Palladium-catalyzed decarboxylative coupling of benzoic acid derivatives using hydrazone ligands. <i>Tetrahedron Letters</i> , 2014, 55, 3184-3188.	0.7	13
69	Diastereoselective photodimerization reactions of chromone-2-carboxamides to construct a C <sub>2</sub> -chiral scaffold. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9644-9649.	1.5	12
70	Highly selective aluminium-catalysed intramolecular Prins reaction for menthol synthesis. <i>RSC Advances</i> , 2014, 4, 61619-61623.	1.7	7
71	Kinetic resolution of citronellal by chiral aluminum catalysts: menthol synthesis from citral. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1107-1115.	2.3	15
72	Hydrazone-Palladium-Catalyzed Allylic Arylation of Cinnamylxyphenylboronic Acid Pinacol Esters. <i>Journal of Organic Chemistry</i> , 2014, 79, 6695-6702.	1.7	24

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73	Deracemization of Quinolonecarboxamides by Dynamic Crystalline Salt Formation and Asymmetric Photoreaction by Using the Frozen Chirality. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6366-6370.	1.2	12
74	Suzuki-Miyaura Coupling of Aryl Chlorides with Arylboronic Acids Using the Morpholine-NiCl <sub>2</sub> Catalyst System. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6983-6991.	1.2	8
75	Suzuki-Miyaura Coupling of Aryl Sulfonates with Arylboronic Acids Using a Morpholine-Pd(OAc) <sub>2</sub> Catalyst System. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3909-3916.	1.2	18
76	Copper-catalyzed asymmetric propargylic amination of propargylic acetates with amines using BICMAP. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1520-1523.	1.8	36
77	Photocycloaddition reaction of methyl 2- and 3-chromonecarboxylates with various alkenes. <i>Research on Chemical Intermediates</i> , 2013, 39, 385-395.	1.3	2
78	Palladium-Catalyzed Allylic Arylation of Allylic Ethers with Arylboronic Acids Using Hydrazone Ligands. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1501-1505.	1.2	29
79	Palladium-catalyzed asymmetric allylic alkylation of indoles by C-N bond axially chiral phosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 499-504.	1.8	45
80	Combinatorial Generation of Complexity by Redox Enzymes in the Chaetoglobosin A Biosynthesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 7371-7377.	6.6	97
81	Asymmetric transformation by dynamic crystallization of achiral succinimides. <i>Chemical Communications</i> , 2013, 49, 4776.	2.2	31
82	Chiral Symmetry Breaking of Axially Chiral Nicotinamide by Crystallization from the Melt. <i>Chemistry Letters</i> , 2013, 42, 1508-1510.	0.7	12
83	Palladium-Catalyzed Mizoroki-Heck Type Reaction with Aryliodine Diacetates Using Hydrazone Ligand. <i>Heterocycles</i> , 2013, 87, 2015.	0.4	9
84	Deracemization of Axially Chiral Nicotinamides by Dynamic Salt Formation with Enantiopure Dibenzoyltartaric Acid (DBTA). <i>Molecules</i> , 2013, 18, 14430-14447.	1.7	8
85	Reaction of Carboxylic Acids with Vinyl Ethers under Solvent-free Conditions Using Molecular Iodine as a Catalyst. <i>Journal of Oleo Science</i> , 2013, 62, 29-38.	0.6	2
86	Total Spontaneous Resolution by Deracemization of Isoindolinones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13023-13025.	7.2	57
87	Reaction of Olefins with Nitriles under Solvent-Free Conditions Using Molecular Iodine as a Catalyst in the Presence of Water. <i>Journal of Oleo Science</i> , 2012, 61, 715-721.	0.6	1
88	Amide Synthesis from Esters with Nitriles under Solvent-free Conditions Using Molecular Iodine as a Catalyst. <i>Journal of Oleo Science</i> , 2012, 61, 393-399.	0.6	9
89	Synthesis of Carboxylic Acids, Esters, Alcohols and Ethers Containing a Tetrahydropyran Ring Derived from 6-Methyl-5-hepten-2-one. <i>Journal of Oleo Science</i> , 2012, 61, 631-640.	0.6	1
90	Two-Step Asymmetric Reaction Using the Frozen Chirality Generated by Spontaneous Crystallization. <i>Organic Letters</i> , 2012, 14, 2638-2641.	2.4	28

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91	Palladium-catalyzed Mizoroki-Heck type reaction with aryl trialkoxysilanes using hydrazone ligands. <i>Tetrahedron</i> , 2012, 68, 429-432.	1.0	26
92	Chiral dihydrobenzofuran-based diphosphine (BICMAP): optical resolution and application to rhodium(I)-catalyzed asymmetric 1,4-addition of aryl- and alkenylboronic acids to cyclic enones. <i>Tetrahedron Letters</i> , 2012, 53, 4562-4564.	0.7	16
93	Synthesis of 1,3-Diarylpropenes through Palladium-Catalyzed Mizoroki-Heck and Allyl Cross-Coupling Reactions Using Hydrazones as Ligands. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 678-680.	1.2	16
94	Asymmetric photocycloaddition of naphthamide with a diene using the provisional molecular chirality in a chiral crystal. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1387.	1.6	12
95	Asymmetric Intramolecular Cyclobutane Formation via Photochemical Reaction of N,N-Diallyl-2-quinolone-3-carboxamide Using a Chiral Crystalline Environment. <i>Organic Letters</i> , 2011, 13, 6168-6171.	2.4	23
96	Kinetic resolution of racemic amines using provisional molecular chirality generated by spontaneous crystallization. <i>Chemical Communications</i> , 2011, 47, 4267.	2.2	18
97	Chiral phosphine-prolineamide as an organocatalyst in direct asymmetric aldol reactions. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 2024-2028.	1.8	18
98	Atropisomerism at C-N Bonds of Acyclic Amines: Synthesis and Application to Palladium-Catalyzed Asymmetric Allylic Alkylations. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4540-4542.	1.2	30
99	Hydrazone-Promoted Sonogashira Coupling Reaction with Aryl Bromides at Low Palladium Loadings. <i>Synlett</i> , 2011, 2011, 1277-1280.	1.0	26
100	Palladium-Catalyzed Cyanation of Aryl Bromides Using Phosphine-Free Pyridylhydrazone Ligands. <i>Heterocycles</i> , 2011, 83, 163.	0.4	2
101	Synthesis of Cinnamyl Ethers from .ALPHA.-Vinylbenzyl Alcohol Using Iodine as Catalyst. <i>Journal of Oleo Science</i> , 2010, 59, 549-555.	0.6	9
102	Amidation of Alcohols with Nitriles under Solvent-free Conditions Using Molecular Iodine as a Catalyst. <i>Journal of Oleo Science</i> , 2010, 59, 607-613.	0.6	15
103	N-Aryl indole-derived C-N bond axially chiral phosphine ligands: synthesis and application in palladium-catalyzed asymmetric allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 711-718.	1.8	55
104	Exclusive Photodimerization Reactions of Chromone-2-carboxylic Esters Depending on Reaction Media. <i>Organic Letters</i> , 2010, 12, 4435-4437.	2.4	23
105	Generation and amplification of optical activity of axially chiral N-(1-naphthyl)-2(1H)-pyrimidinethione by crystallization. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5418.	1.5	21
106	Generation and Control of Chirality by Crystallization: Asymmetric Synthesis Using the Crystal Chirality in Fluid Media. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2010, 68, 1047-1056.	0.0	6
107	Copper(I)-Catalyzed C-C and C-O Coupling Reactions Using Hydrazone Ligands. <i>Synlett</i> , 2009, 2009, 2457-2460.	1.0	18
108	Synthesis and application of atropisomeric dihydrobenzofuran-based bisphosphine (BICMAP). <i>Tetrahedron Letters</i> , 2009, 50, 2239-2241.	0.7	15

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109	Palladium-catalyzed Mizoroki-Heck reaction of allyl aryl ethers with aryl iodides using phosphine-free hydrazone ligands. <i>Tetrahedron Letters</i> , 2009, 50, 5358-5360.	0.7	34
110	Photodimerization of chromone. <i>Chemical Communications</i> , 2009, , 2379.	2.2	25
111	Iodine-Catalyzed Synthesis of Five-Membered Cyclic Ethers from 1,3-Diols under Solvent-Free Conditions. <i>Journal of Oleo Science</i> , 2009, 58, 421-427.	0.6	3
112	Kinetic resolution of allylic esters in palladium-catalyzed asymmetric allylic alkylations using C <sup>∞</sup> N bond axially chiral aminophosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2711-2716.	1.8	32
113	Dinuclear Zinc-Catalyzed Asymmetric Desymmetrization of Acyclic 2-Substituted-1,3-Propanediols: A Powerful Entry into Chiral Building Blocks. <i>Chemistry - A European Journal</i> , 2008, 14, 7648-7657.	1.7	55
114	Asymmetric synthesis of $\beta^2$ -lactams using chiral-memory effect on photochemical $\beta^3$ -hydrogen abstraction by thiocarbonyl group. <i>Chemical Communications</i> , 2008, , 2132.	2.2	30
115	Crystallization-induced diastereomer transformation of 2-quinolone-4-carboxamide followed by stereoselective intermolecular photocycloaddition reaction. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 848.	1.5	14
116	Photosensitized 2 + 2 Cycloaddition Reaction Using Homochirality Generated by Spontaneous Crystallization. <i>Journal of the American Chemical Society</i> , 2008, 130, 1132-1133.	6.6	63
117	Room-Temperature Palladium-Catalyzed Allyl Cross-Coupling Reaction with Boronic Acids Using Phosphine-Free Hydrazone Ligands. <i>Synlett</i> , 2008, 2008, 2711-2715.	1.0	42
118	Copper-Catalyzed N-Arylation of Amides and Azoles Using Phosphine-Free Hydrazone Ligands. <i>Synlett</i> , 2008, 2008, 614-620.	1.0	53
119	An Efficient Synthesis of Five-membered Cyclic Ethers from 1,3-Diols Using Molecular Iodine as a Catalyst. <i>Journal of Oleo Science</i> , 2008, 57, 437-443.	0.6	8
120	An asymmetric S <sub>N</sub> Ar reaction using the molecular chirality in a crystal. <i>Chemical Communications</i> , 2007, , 3586.	2.2	30
121	Diastereoselective photocycloaddition using memory effect of molecular chirality controlled by crystallization. <i>Chemical Communications</i> , 2007, , 1632.	2.2	16
122	Convenient Preparative Method for Lactones from 3-hydroxy Propanoic Acids Using Iodine under Solvent-Free Conditions. <i>Journal of Oleo Science</i> , 2007, 56, 189-193.	0.6	4
123	N,O-ligand accelerated zinc-catalyzed transesterification of alcohols with vinyl esters. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4389-4396.	0.8	30
124	Phosphine-Free Palladium Catalyzed Mizoroki-Heck Reaction Using Hydrazone as a Ligand. <i>Journal of Organic Chemistry</i> , 2006, 71, 6834-6839.	1.7	121
125	Photochemical asymmetric synthesis of phenyl-bearing quaternary chiral carbons using chiral-memory effect on $\beta^2$ -hydrogen abstraction by thiocarbonyl group. <i>Chemical Communications</i> , 2006, , 4608-4610.	2.2	21
126	Synthesis and Optical Resolution of Aminophosphines with Axially Chiral C(aryl)-N(amine) Bonds for Use as Ligands in Asymmetric Catalysis. <i>Journal of Organic Chemistry</i> , 2006, 71, 7346-7353.	1.7	60



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127	Development of Proline Derived Chiral Aminophosphine Ligands for Palladium-Catalyzed Asymmetric Allylic Alkylation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2006, 64, 628-638.	0.0	2
128	Enantioselective addition of diethylzinc to aldehydes in the presence of chiral hydrazone and imine ligands. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4297-4303.	0.8	15
129	X-ray crystallographic analysis of N,N-diallylcoumarincarboxamides and the solid-state photochemical reaction. <i>Tetrahedron</i> , 2006, 62, 3028-3032.	1.0	9
130	Palladium-Catalyzed Sonogashira and Hiyama Reactions Using Phosphine-Free Hydrazone Ligands. <i>Journal of Organic Chemistry</i> , 2006, 71, 9499-9502.	1.7	83
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