

# Masami Sakamoto

## List of Publications by Year in descending order

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263  
papers

4,936  
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156536

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docs citations

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times ranked

3163  
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</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.	1.8	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 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
5	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
6	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
7	Iminophosphorane-mediated regioselective umpolung alkylation reaction of $\hat{\pm}$ -iminoesters. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4551-4564.	1.5	3
8	Curved Perylene Diimides Fused with Seven-Membered Rings. <i>Chemistry - an Asian Journal</i> , 2021, 16, 690-695.	1.7	7
9	Asymmetric Anisoin Synthesis Involving Benzoin Condensation Followed by Deracemization. <i>Crystal Growth and Design</i> , 2021, 21, 2423-2428.	1.4	7
10	5,11-Diazadibenzo[ <i>hi</i> , <i>qr</i> ]tetracene: Synthesis, Properties, and Reactivity toward Nucleophilic Reagents. <i>Chemistry - A European Journal</i> , 2021, 27, 8951-8955.	1.7	4
11	Chirogenesis and Amplification of Molecular Chirality Using Optical Vortices. <i>Angewandte Chemie</i> , 2021, 133, 12929-12933.	1.6	5
12	Chirogenesis and Amplification of Molecular Chirality Using Optical Vortices. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12819-12823.	7.2	23
13	Influence of <i>N</i> -Substituents on Photovoltaic Properties of Singly Bay-Linked Dimeric Perylene Diimides. <i>Chemistry - A European Journal</i> , 2021, 27, 14081-14091.	1.7	2
14	Asymmetric Synthesis of Indoline from Achiral Phthalimide Involving Crystallization-Induced Deracemization. <i>Chemistry - A European Journal</i> , 2021, 27, 16338-16341.	1.7	9
15	Bromonium salts: diaryl- $\lambda^3$ -bromanes as halogen-bonding organocatalysts. <i>Chemical Communications</i> , 2021, 57, 2519-2522.	2.2	29
16	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
17	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
18	Cinnamoyl amide type chiral P,olefin ligands for Pd-catalyzed reactions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10385-10389.	1.5	4

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19	Chiral Symmetry Breaking of Thiohydantoins by Attrition-Enhanced Deracemization. <i>Crystal Growth and Design</i> , 2020, 20, 4898-4903.	1.4	15
20	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
21	Improved Synthesis of Bayâ€Monobrominated Perylene Diimides. <i>ChemistrySelect</i> , 2020, 5, 15028-15031.	0.7	5
22	Chiral P,Olefin Ligands with Rotamers for Palladium-Catalyzed Asymmetric Allylic Substitution Reactions. <i>Synlett</i> , 2020, 32, .	1.0	2
23	Absolute Asymmetric Synthesis Involving Chiral Symmetry Breaking in Dielsâ€Alder Reaction. <i>Symmetry</i> , 2020, 12, 910.	1.1	19
24	Regioselective Bayâ€Functionalization of Perylenes Toward Tailorâ€Made Synthesis of Acceptor Materials for Organic Photovoltaics. <i>ChemPlusChem</i> , 2020, 85, 285-293.	1.3	13
25	Crystallization-induced diastereomer transformation of thiohydantoin derivatives. <i>Tetrahedron</i> , 2020, 76, 131166.	1.0	13
26	Attritionâ€Enhanced Deracemization of Axially Chiral Nicotinamides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1001-1005.	1.2	7
27	Asymmetric Synthesis Involving Dynamic Enantioselective Crystallization. , 2020, , 433-456.		11
28	Development of new catalytic enantioselective formation of methylenelactam-based N,O-spirocyclic compounds via ring opening-asymmetric reclosure of hydroxylactams. <i>Tetrahedron</i> , 2020, 76, 131252.	1.0	7
29	Tripletâ€Triplet Annihilation-Based Upconversion Sensitized by a Reverse Micellar Assembly of Amphiphilic Ruthenium Complexes. <i>Langmuir</i> , 2019, 35, 9740-9746.	1.6	12
30	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
31	Divergent Synthesis of Methylene Lactone- and Methylene Lactam-Based Spiro Compounds: Utility of Amido-Functionalized Î³-Hydroxylactam as a Precursor for Cytotoxic <i>N</i>- and <i>N</i>-Spiro Compounds. <i>Journal of Organic Chemistry</i> , 2019, 84, 12532-12541.	1.7	14
32	Synthesis of 7â€Allylated Benzofuran Derivatives from <i>oâ€</i>Allyloxyethynylbenzene via Claisen Rearrangement and TBAFâ€Catalyzed Annulation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1635-1645.	1.2	7
33	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
34	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
35	Chemoselective Catalytic Asymmetric Synthesis of Functionalized Amins Through the Umpolung Organocascade Reaction of Î±â€Imino Amides. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2737-2743.	1.7	7
36	A new class of flavonoids bearing macrocyclic polyethers by stereoselective photochemical cycloaddition reaction. <i>Tetrahedron</i> , 2019, 75, 3911-3916.	1.0	2

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37	Chiral Symmetry Breaking of Spiropyrans and Spirooxazines by Dynamic Enantioselective Crystallization. <i>Chemistry - A European Journal</i> , 2019, 25, 9758-9763.	1.7	9
38	Chemo- and Regioselective Asymmetric Synthesis of Cyclic Enamides through the Catalytic Umpolung Organocascade Reaction of $\beta$ -Imino Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 7362-7371.	1.7	10
39	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
40	Controllable Monobromination of Perylene Ring System: Synthesis of Bay-Functionalized Perylene Dyes. <i>Journal of Organic Chemistry</i> , 2018, 83, 624-631.	1.7	15
41	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
42	A Facile Synthesis of $C_2$ -Symmetric Macrocyclic Polyethers by Photodimerization of Covalently-linked Flavonoid Derivatives. <i>Chemistry Letters</i> , 2018, 47, 160-162.	0.7	1
43	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
44	<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
45	Regio- and Enantioselective Synthesis of $\beta$ -Amino $\alpha$ -Ketoesters Through Catalytic Umpolung Reaction of $\beta$ -Aminoesters with Enones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4142-4146.	2.1	13
46	Asymmetric Diels-Alder Reaction Involving Dynamic Enantioselective Crystallization. <i>Journal of Organic Chemistry</i> , 2018, 83, 9300-9304.	1.7	28
47	The second-generation synthesis of BICMAP analogues. <i>Tetrahedron</i> , 2018, 74, 3871-3878.	1.0	1
48	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
49	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
50	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
51	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
52	Asymmetric Synthesis by Using Natural Sunlight under Absolute Achiral Conditions. <i>Chemistry - A European Journal</i> , 2017, 23, 1717-1721.	1.7	22
53	Indium-catalysed amide allylation of $\beta$ -iminoamide: highly enantioselective synthesis of amide functionalised $\beta$ -methylene- $\beta$ -butyrolactams. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 320-323.	1.5	7
54	Organocatalytic Highly Regio- and Enantioselective Umpolung Michael Addition Reaction of $\beta$ -Imino Esters. <i>Chemistry - A European Journal</i> , 2017, 23, 12749-12753.	1.7	19

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55	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
56	Synthesis of Dimeric Imidazo[1,5- <i>b</i> ]pyridines and Their Photophysical Properties. <i>ChemistrySelect</i> , 2017, 2, 10694-10698.	0.7	9
57	Palladium-Catalyzed Mizoroki-Heck Reaction of Aryl Iodides with Allyl Aryl Ethers Using Imidazo[1,5- <i>b</i> ]pyridines. <i>ChemistrySelect</i> , 2017, 2, 10143-10145.	0.7	6
58	Asymmetric Synthesis Using Crystal Chirality. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 509-521.	0.0	3
59	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
60	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
61	Hydrazone-catalyzed palladium catalyzed annulation of 1-cinnamyloxy-2-ethynylbenzene derivatives. <i>Organic Chemistry Frontiers</i> , 2016, 3, 979-984.	2.3	19
62	Asymmetric Synthesis Using Chiral Crystals of Coumarin-3-carboxamides and Carbenoids. <i>Chemistry Letters</i> , 2016, 45, 1310-1312.	0.7	6
63	Palladium-catalyzed Mizoroki-Heck Reaction Using Imidazo[1,5- <i>b</i> ]pyridines. <i>ChemistrySelect</i> , 2016, 1, 4560-4563.	0.7	15
64	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
65	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
66	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
67	Indium-Catalyzed Amide Allylation of <i>N</i> -Carbonyl Imides: Formation of Azaspiro- $\beta$ -lactones via Ring Opening-Reclosure. <i>Organic Letters</i> , 2015, 17, 5846-5849.	2.4	17
68	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
69	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
70	BINOL-Al catalyzed asymmetric cyclization and amplification: preparation of optically active menthol analogs. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5817-5825.	1.5	6
71	BICMAP-rhodium(I)-catalyzed asymmetric 1,4-addition of arylboronic acids to coumarins. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1065-1068.	1.8	12
72	Total Resolution of Racemates by Dynamic Preferential Crystallization. , 2015, , 445-462.		21

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73	Hydrazoneâ€“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
74	Palladium-catalyzed decarboxylative coupling of benzoic acid derivatives using hydrazone ligands. <i>Tetrahedron Letters</i> , 2014, 55, 3184-3188.	0.7	13
75	Catalytic Enantioselective Amide Allylation of Isatins and Its Application in the Synthesis of 2-Oxindole Derivatives Spiro-Fused to the Î±-Methylene-Î³-Butyrolactone Functionality. <i>Chemistry - A European Journal</i> , 2014, 20, 11091-11100.	1.7	43
76	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
77	Catalytic amide allylation of Î±-ketoesters: extremely high enantioselective synthesis of ester functionalised Î±-methylene-Î³-butyrolactones. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7686-7689.	1.5	11
78	Highly selective aluminium-catalysed intramolecular Prins reaction for <sc>l</sc>-menthol synthesis. <i>RSC Advances</i> , 2014, 4, 61619-61623.	1.7	7
79	Kinetic resolution of citronellal by chiral aluminum catalysts: <sc>l</sc>-menthol synthesis from citral. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1107-1115.	2.3	15
80	Hydrazoneâ€“Palladium-Catalyzed Allylic Arylation of Cinnamyloxyphenylboronic Acid Pinacol Esters. <i>Journal of Organic Chemistry</i> , 2014, 79, 6695-6702.	1.7	24
81	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
82	Novel chiral tetramic acid-derived diols: organocatalytic facile synthesis and unique structural properties. <i>RSC Advances</i> , 2014, 4, 30775.	1.7	7
83	Suzukiâ€“Miyaura Coupling of Aryl Chlorides with Arylboronic Acids Using the Morpholineâ€“NiCl<sub>2</sub> Catalyst System. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6983-6991.	1.2	8
84	Suzukiâ€“Miyaura Coupling of Aryl Sulfonates with Arylboronic Acids Using a Morpholineâ€“Pd(OAc)<sub>2</sub> Catalyst System. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3909-3916.	1.2	18
85	Copper-catalyzed asymmetric propargylic amination of propargylic acetates with amines using BICMAP. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1520-1523.	1.8	36
86	Construction of Spiro-Fused 2-Oxindole/Î±-Methylene-Î³-Butyrolactone Systems with Extremely High Enantioselectivity via Indium-Catalyzed Amide Allylation of <i>N</i>-Methyl Isatin. <i>Organic Letters</i> , 2013, 15, 6182-6185.	2.4	46
87	Photocycloaddition reaction of methyl 2- and 3-chromonecarboxylates with various alkenes. <i>Research on Chemical Intermediates</i> , 2013, 39, 385-395.	1.3	2
88	Palladiumâ€“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
89	Palladium-catalyzed asymmetric allylic alkylation of indoles by Câ€“N bond axially chiral phosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 499-504.	1.8	45
90	Asymmetric transformation by dynamic crystallization of achiral succinimides. <i>Chemical Communications</i> , 2013, 49, 4776.	2.2	31

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91	Chiral Symmetry Breaking of Axially Chiral Nicotinamide by Crystallization from the Melt. <i>Chemistry Letters</i> , 2013, 42, 1508-1510.	0.7	12
92	Palladium-Catalyzed Mizoroki-Heck Type Reaction with Aryliodine Diacetates Using Hydrazone Ligand. <i>Heterocycles</i> , 2013, 87, 2015.	0.4	9
93	Deracemization of Axially Chiral Nicotinamides by Dynamic Salt Formation with Enantiopure Dibenzoyltartaric Acid (DBTA). <i>Molecules</i> , 2013, 18, 14430-14447.	1.7	8
94	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
95	Total Spontaneous Resolution by Deracemization of Isoindolinones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13023-13025.	7.2	57
96	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
97	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
98	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
99	Two-Step Asymmetric Reaction Using the Frozen Chirality Generated by Spontaneous Crystallization. <i>Organic Letters</i> , 2012, 14, 2638-2641.	2.4	28
100	Palladium-catalyzed Mizoroki-Heck type reaction with aryl trialkoxysilanes using hydrazone ligands. <i>Tetrahedron</i> , 2012, 68, 429-432.	1.0	26
101	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
102	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
103	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
104	Super Flexibility of a 2D Cu-Based Porous Coordination Framework on Gas Adsorption in Comparison with a 3D Framework of Identical Composition: Framework Dimensionality-Dependent Gas Adsorptivities. <i>Journal of the American Chemical Society</i> , 2011, 133, 10512-10522.	6.6	112
105	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
106	Kinetic resolution of racemic amines using provisional molecular chirality generated by spontaneous crystallization. <i>Chemical Communications</i> , 2011, 47, 4267.	2.2	18
107	Chiral phosphine-prolineamide as an organocatalyst in direct asymmetric aldol reactions. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 2024-2028.	1.8	18
108	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

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109	Hydrazone-Promoted Sonogashira Coupling Reaction with Aryl Bromides at Low Palladium Loadings. <i>Synlett</i> , 2011, 2011, 1277-1280.	1.0	26
110	Palladium-Catalyzed Cyanation of Aryl Bromides Using Phosphine-Free Pyridylhydrazone Ligands. <i>Heterocycles</i> , 2011, 83, 163.	0.4	2
111	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
112	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
113	N-Aryl indole-derived C $\alpha$ -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
114	Exclusive Photodimerization Reactions of Chromone-2-carboxylic Esters Depending on Reaction Media. <i>Organic Letters</i> , 2010, 12, 4435-4437.	2.4	23
115	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
116	Generation and Control of Chirality by Crystallization: Asymmetric Synthesis Using the Crystal Chirality in Fluid Media. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2010, 68, 1047-1056.	0.0	6
117	Copper(I)-Catalyzed C-C and C-O Coupling Reactions Using Hydrazone Ligands. <i>Synlett</i> , 2009, 2009, 2457-2460.	1.0	18
118	Synthesis and application of atropisomeric dihydrobenzofuran-based bisphosphine (BICMAP). <i>Tetrahedron Letters</i> , 2009, 50, 2239-2241.	0.7	15
119	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
120	Photodimerization of chromone. <i>Chemical Communications</i> , 2009, , 2379.	2.2	25
121	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
122	Kinetic resolution of allylic esters in palladium-catalyzed asymmetric allylic alkylations using C $\alpha$ -N bond axially chiral aminophosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2711-2716.	1.8	32
123	Asymmetric synthesis of $\beta$ -lactams using chiral-memory effect on photochemical $\beta$ -hydrogen abstraction by thiocarbonyl group. <i>Chemical Communications</i> , 2008, , 2132.	2.2	30
124	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
125	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
126	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



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127	Copper-Catalyzed N-Arylation of Amides and Azoles Using Phosphine-Free Hydrazone Ligands. <i>Synlett</i> , 2008, 2008, 614-620.	1.0	53
128	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
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