

# Masakatsu Shibasaki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1850810/publications.pdf>

Version: 2024-02-01

152  
papers

13,263  
citations

26567

56  
h-index

22764

112  
g-index

170  
all docs

170  
docs citations

170  
times ranked

6372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concise and Stereodivergent Approach to Chromanone Lactones through Copper-Catalyzed Asymmetric Vinylogous Addition of Siloxyfurans to $\alpha$ -Ester-Substituted Chromones. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
2	Concise and Stereodivergent Approach to Chromanone Lactones through Copper-Catalyzed Asymmetric Vinylogous Addition of Siloxyfurans to $\alpha$ -Ester-Substituted Chromones. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	6
3	Diastereoselective Direct Catalytic Asymmetric Mannich-Type Reactions of Alkyl nitriles with a Ni(II)-Carbene Complex. <i>Organic Letters</i> , 2022, 24, 3901-3906.	2.4	2
4	InnenrÄ¼cktitelbild: Concise and Stereodivergent Approach to Chromanone Lactones through Copper-Catalyzed Asymmetric Vinylogous Addition of Siloxyfurans to $\alpha$ -Ester-Substituted Chromones ( <i>Angew. Chem.</i> 26/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
5	Catalytic Asymmetric Total Synthesis of Leucinostatin A. <i>Chemical Record</i> , 2021, 21, 175-187.	2.9	2
6	Generation and application of Cu-bound alkyl nitrenes for the catalyst-controlled synthesis of cyclic $\beta$ -amino acids. <i>Chemical Science</i> , 2021, 12, 7809-7817.	3.7	16
7	Direct Catalytic Asymmetric Addition of Alkyl nitriles to Aldehydes with Designed Nickel-Carbene Complexes. <i>Angewandte Chemie</i> , 2021, 133, 8821-8825.	1.6	3
8	Direct Catalytic Asymmetric Addition of Alkyl nitriles to Aldehydes with Designed Nickel-Carbene Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8739-8743.	7.2	13
9	Strategic Synthesis of Asymmetrically Substituted C <sub>4</sub> N <sub>4</sub> Fluorophores. <i>Synthesis</i> , 2021, 53, 3355-3360.	1.2	1
10	Catalyst-Controlled Chemoselective Nitrene Transfers. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100140.	1.0	16
11	Highly Enantio- and Diastereoselective Synthesis of 1,2,3-Trisubstituted Cyclopropanes from $\alpha,\beta$ -Unsaturated Amides and Stabilized Sulfur Ylides Catalyzed by a Chiral Copper(I) Complex. <i>ACS Catalysis</i> , 2021, 11, 11597-11606.	5.5	14
12	Ligand-Enabled, Copper-Catalyzed Electrophilic Amination for the Asymmetric Synthesis of $\beta$ -Amino Acids. <i>Organic Letters</i> , 2021, 23, 8617-8621.	2.4	10
13	Cyanomethylation of $\alpha$ -Alkoxyaldehydes: Toward a Short Synthesis of Atorvastatin. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 57-60.	1.3	2
14	<i>trans</i> -Enolate Geometry in the Thioamide Aldol Reaction Illuminated by the 7-Azaindoline Auxiliary. <i>Organic Letters</i> , 2020, 22, 791-794.	2.4	4
15	Recent Advances in the Catalytic Asymmetric Synthesis of $\beta$ - and $\gamma$ -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2350-2361.	1.2	45
16	Direct Catalytic Asymmetric Addition of $\alpha$ -Fluoronitriles to Aldehydes. <i>Chemistry - A European Journal</i> , 2020, 26, 15524-15527.	1.7	9
17	The Different Faces of [Ru(bpy) <sub>3</sub> ]Cl <sub>2</sub> and <i>fac</i> [Ir(ppy) <sub>3</sub> ] Photocatalysts: Redox Potential Controlled Synthesis of Sulfonylated Fluorenes and Pyrroloindoles from Unactivated Olefins and Sulfonyl Chlorides. <i>Organic Letters</i> , 2020, 22, 7853-7858.	2.4	26
18	<i>trans</i> -Benzoylhydroxylamines as Alkyl Nitrene Precursors: Synthesis of Saturated N-Heterocycles from Primary Amines. <i>Organic Letters</i> , 2020, 22, 8769-8773.	2.4	23

#	ARTICLE	IF	CITATIONS
19	Direct catalytic asymmetric and <i>anti</i> -selective vinylogous addition of butenolides to chromones. <i>Chemical Science</i> , 2020, 11, 7170-7176.	3.7	15
20	Catalytic Asymmetric 1,3-Dipolar Cycloaddition of $\hat{1},\hat{2}$ -Unsaturated Amide and Azomethine Imine. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 552-554.	0.6	11
21	Inhibition of mitochondria ATP synthase suppresses prostate cancer growth through reduced insulin-like growth factor-1 secretion by prostate stromal cells. <i>International Journal of Cancer</i> , 2020, 146, 3474-3484.	2.3	18
22	(2R, 3S)-3,4,4-tetrafluorovaline: A Fluorinated Bioisostere of Isoleucine. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1745-1752.	1.2	5
23	Introduction of a 7-aza-6-MeO-indoline auxiliary in Lewis-acid/photoredox cooperative catalysis: highly enantioselective aminomethylation of $\hat{1},\hat{2}$ -unsaturated amides. <i>Chemical Science</i> , 2020, 11, 5168-5174.	3.7	19
24	Design, Synthesis, and Application of Multiboron Heterocycle to Direct Amidation Catalyst. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020, 78, 971-978.	0.0	3
25	Direct Catalytic Asymmetric Addition of Acetonitrile to Aldimines. <i>Organic Letters</i> , 2019, 21, 8187-8190.	2.4	11
26	On the Nitrogen Inversion of Isoxazolidin-5-ones. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1248-1249.	0.6	3
27	Lewis Base Assisted Lithium Brønsted Base Catalysis: A New Entry for Catalytic Asymmetric Synthesis of $\hat{2}$ -Amino Acids. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1046-1049.	0.6	15
28	Synthesis of Unprotected Spirocyclic $\hat{2}$ -Prolines and $\hat{2}$ -Homoprolines by Rh-Catalyzed C-H Insertion. <i>Organic Letters</i> , 2019, 21, 9296-9299.	2.4	38
29	Direct Catalytic Asymmetric Aldol Reaction of $\hat{1}$ -Alkoxyamides to $\hat{1}$ -Fluorinated Ketones. <i>Angewandte Chemie</i> , 2019, 131, 2481-2485.	1.6	10
30	Innenrücktitelbild: Achiral Trisubstituted Thioureas as Secondary Ligands to Cu <sup>I</sup> Catalysts: Direct Catalytic Asymmetric Addition of $\hat{1}$ -Fluoronitriles to Imines ( <i>Angew. Chem.</i> 9/2019). <i>Angewandte Chemie</i> , 2019, 131, 2931-2931.	1.6	0
31	Traceless Electrophilic Amination for the Synthesis of Unprotected Cyclic $\hat{2}$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 2019, 141, 10530-10537.	6.6	49
32	Asymmetric Synthesis Using Thioamides. , 2019, , 103-125.		0
33	Solvent-Dependent Enantiodivergence in anti-Selective Catalytic Asymmetric Nitroaldol Reactions. <i>Organic Letters</i> , 2019, 21, 3581-3583.	2.4	2
34	A C <sub>4</sub> N <sub>4</sub> Diaminopyrimidine Fluorophore. <i>Chemistry - A European Journal</i> , 2019, 25, 4243-4243.	1.7	0
35	A C <sub>4</sub> N <sub>4</sub> Diaminopyrimidine Fluorophore. <i>Chemistry - A European Journal</i> , 2019, 25, 4299-4304.	1.7	2
36	All Non-Carbon B <sub>3</sub> NO <sub>2</sub> Exotic Heterocycles: Synthesis, Dynamics, and Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 4648-4653.	1.7	34

#	ARTICLE	IF	CITATIONS
37	Catalytic Asymmetric Synthesis of syn Aldols with Methyl Ketone Functionality and anti Aldols with a Thioamide Group. <i>Synlett</i> , 2019, 30, 620-624.	1.0	2
38	Direct Catalytic Asymmetric Mannich-Type Reaction of an $\alpha$ -CF <sub>3</sub> Amide to Isatin Imines. <i>Synlett</i> , 2019, 30, 488-492.	1.0	12
39	Neighboring Protonation Unveils Lewis Acidity in the B <sub>3</sub> NO <sub>2</sub> Heterocycle. <i>Journal of the American Chemical Society</i> , 2019, 141, 1546-1554.	6.6	35
40	Achiral Trisubstituted Thioureas as Secondary Ligands to Cu <sup>I</sup> Catalysts: Direct Catalytic Asymmetric Addition of $\alpha$ -Fluoronitriles to Imines. <i>Angewandte Chemie</i> , 2019, 131, 2670-2674.	1.6	13
41	Achiral Trisubstituted Thioureas as Secondary Ligands to Cu <sup>I</sup> Catalysts: Direct Catalytic Asymmetric Addition of $\alpha$ -Fluoronitriles to Imines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2644-2648.	7.2	28
42	Direct Catalytic Asymmetric Aldol Reaction of $\alpha$ -Alkoxyamides to $\alpha$ -Fluorinated Ketones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2459-2463.	7.2	31
43	7-Azaindoline Auxiliary: A Versatile Attachment Facilitating Enantioselective C-C Bond-Forming Catalysis. <i>Synthesis</i> , 2019, 51, 185-193.	1.2	29
44	Direct Catalytic Asymmetric Aldol Reaction of $\alpha$ -Vinyl Acetamide. <i>Journal of Organic Chemistry</i> , 2018, 83, 5851-5858.	1.7	25
45	Conquering amide planarity: Structural distortion and its hidden reactivity. <i>Tetrahedron Letters</i> , 2018, 59, 1147-1158.	0.7	48
46	Catalytic Asymmetric Synthesis of $\alpha$ -Trifluoromethylated Carbinols: A Case Study of Tertiary Propargylic Alcohols. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 599-612.	1.3	38
47	Catalytic Oligopeptide Synthesis. <i>Organic Letters</i> , 2018, 20, 612-615.	2.4	48
48	Heterogeneous Heterobimetallic Catalysis Enabling Expeditious Access to CF <sub>3</sub> -Containing $\alpha$ -Amino Alcohols. <i>Organic Letters</i> , 2018, 20, 308-311.	2.4	22
49	Direct Catalytic Asymmetric Mannich-Type Reaction en Route to $\alpha$ -Hydroxy- $\beta$ -amino Acid Derivatives. <i>Organic Letters</i> , 2018, 20, 526-529.	2.4	32
50	Direct Catalytic Asymmetric Aldol Reaction of Thioamide with an $\alpha$ -Vinyl Appendage. <i>Chemistry - A European Journal</i> , 2018, 24, 2598-2601.	1.7	27
51	Quaternary $\beta$ -Amino Acids: Catalytic Asymmetric Synthesis and Incorporation into Peptides by Fmoc-Based Solid-Phase Peptide Synthesis. <i>Angewandte Chemie</i> , 2018, 130, 826-830.	1.6	20
52	Direct Catalytic Asymmetric 1,6-Conjugate Addition of Amides to $\alpha$ -Quinone Methides. <i>Organic Letters</i> , 2018, 20, 3070-3073.	2.4	34
53	Direct enolization chemistry of 7-azaindoline amides: A case study of bis(tetrahydrophosphole)-type ligands. <i>Tetrahedron</i> , 2018, 74, 3301-3305.	1.0	12
54	Thieme Chemistry Journals Awardees – Where Are They Now? Bis(2-pyridyl)amides as Readily Cleavable Amides Under Catalytic, Neutral, and Room-Temperature Conditions. <i>Synlett</i> , 2018, 29, 301-305.	1.0	8

#	ARTICLE	IF	CITATIONS
55	Structural and Computational Investigation of Intramolecular N-H Interactions in $\beta$ - and $\gamma$ -Fluorinated $\alpha$ -Azaindoline Amides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 714-722.	1.2	7
56	Quaternary $\beta$ -Amino Acids: Catalytic Asymmetric Synthesis and Incorporation into Peptides by Fmoc-Based Solid-Phase Peptide Synthesis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 818-822.	7.2	61
57	<i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction of $\alpha$ -Keto Esters: Intriguing Solvent Effect, Flow Reaction, and Synthesis of Active Pharmaceutical Ingredients. <i>Journal of the American Chemical Society</i> , 2018, 140, 12290-12295.	6.6	52
58	Structure-activity relationship study of leucinostatin A, a modulator of tumor-stroma interaction. <i>Tetrahedron</i> , 2018, 74, 5129-5137.	1.0	14
59	Exploiting $\beta$ -Amino Acid Enolates in Direct Catalytic Diastereo- and Enantioselective C-C Bond-Forming Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 15796-15800.	1.7	35
60	Interplay of Diamides and Rare Earth Metals: Specific Molecular Spaces and Catalytic Activity. , 2018, , 147-163.		0
61	Catalytic Asymmetric Synthesis of Natural Products Directed Toward Development of Novel Anti-infective and Anti-cancer Medicines. Yuki Gosei Kagaku Kyokaihi/ <i>Journal of Synthetic Organic Chemistry</i> , 2018, 76, 781-791.	0.0	0
62	Unique physicochemical and catalytic properties dictated by the B3NO <sub>2</sub> ring system. <i>Nature Chemistry</i> , 2017, 9, 571-577.	6.6	148
63	Asymmetric flow catalysis: Mix-and-go solid-phase Nd/Na catalyst for expeditious enantioselective access to a key intermediate of AZD7594. <i>Tetrahedron</i> , 2017, 73, 1517-1521.	1.0	21
64	Direct Catalytic Asymmetric Aldol Reaction of $\alpha$ -Alkylamides. <i>Organic Letters</i> , 2017, 19, 710-713.	2.4	38
65	Catalytic asymmetric synthesis of CF <sub>3</sub> -substituted tertiary propargylic alcohols via direct aldol reaction of $\alpha$ -N <sub>3</sub> amide. <i>Chemical Science</i> , 2017, 8, 3260-3269.	3.7	62
66	Reversible Stereoselective Folding/Unfolding Fueled by the Interplay of Photoisomerism and Hydrogen Bonding. <i>Angewandte Chemie</i> , 2017, 129, 3397-3401.	1.6	5
67	Reversible Stereoselective Folding/Unfolding Fueled by the Interplay of Photoisomerism and Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3349-3353.	7.2	13
68	Cu/Pd Synergistic Dual Catalysis: Asymmetric $\alpha$ -Allylation of an $\alpha$ -CF <sub>3</sub> Amide. <i>Angewandte Chemie</i> , 2017, 129, 5643-5647.	1.6	19
69	Cu/Pd Synergistic Dual Catalysis: Asymmetric $\alpha$ -Allylation of an $\alpha$ -CF <sub>3</sub> Amide. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5551-5555.	7.2	79
70	Leptolyngbyolides, Cytotoxic Macrolides from the Marine Cyanobacterium <i>Leptolyngbya</i> sp.: Isolation, Biological Activity, and Catalytic Asymmetric Total Synthesis. <i>Chemistry - A European Journal</i> , 2017, 23, 8500-8509.	1.7	20
71	$\alpha,\beta$ -Unsaturated Amides as Dipolarophiles: Catalytic Asymmetric <i>exo</i> -Selective 1,3-Dipolar Cycloaddition with Nitrones. <i>Chemistry - A European Journal</i> , 2017, 23, 12450-12455.	1.7	24
72	$\alpha$ -Halo Amides as Competent Latent Enolates: Direct Catalytic Asymmetric Mannich-Type Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 8295-8301.	6.6	44

#	ARTICLE	IF	CITATIONS
73	Direct N-acylation of sulfoximines with carboxylic acids catalyzed by the B <sub>3</sub> NO <sub>2</sub> heterocycle. <i>Chemical Communications</i> , 2017, 53, 7447-7450.	2.2	20
74	Catalytic asymmetric synthesis of 2,3,3,3-tetrafluoro-2-methyl-1-arylpropan-1-amines as useful building blocks for SAR-studies. <i>Journal of Fluorine Chemistry</i> , 2017, 194, 1-7.	0.9	20
75	Catalytic Asymmetric Total Synthesis and Stereochemical Revision of Leucinoastatin: A Modulator of Tumor-Stroma Interaction. <i>Chemistry - A European Journal</i> , 2017, 23, 11792-11796.	1.7	16
76	$\hat{1},\hat{1}^2$ -Unsaturated Amides as Dipolarophiles: Catalytic Asymmetric exo-Selective 1,3-Dipolar Cycloaddition with Nitrones. <i>Chemistry - A European Journal</i> , 2017, 23, 12424-12424.	1.7	1
77	Photocatalytic $\hat{1}$ -Acylation of Ethers. <i>Organic Letters</i> , 2017, 19, 3727-3730.	2.4	58
78	Direct Catalytic Asymmetric Aldol Addition of an $\hat{1}$ -CF <sub>3</sub> Amide to Arylglyoxal Hydrates. <i>Journal of Organic Chemistry</i> , 2017, 82, 8304-8308.	1.7	29
79	Direct Catalytic Asymmetric Mannich-Type Reaction of Alkylamides. <i>Organic Letters</i> , 2016, 18, 2391-2394.	2.4	45
80	Enantioselective synthesis of $\hat{1},\hat{1}$ -disubstituted $\hat{1}$ -amino acids via direct catalytic asymmetric addition of acetonitrile to $\hat{1}$ -iminoesters. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9725-9730.	1.5	25
81	Nucleophilic and Electrophilic Activation of Non-Heteroaromatic Amides in Atom-Economical Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 15192-15200.	1.7	37
82	Electrophilic Activation of $\hat{1},\hat{1}$ -Unsaturated Amides: Catalytic Asymmetric Vinylogous Conjugate Addition of Unsaturated $\hat{1}$ -Butyrolactones. <i>Chemistry - A European Journal</i> , 2016, 22, 5525-5529.	1.7	37
83	Preparation of Nd/Na heterogeneous catalyst from bench-stable and inexpensive Nd salt for an anti-selective catalytic asymmetric nitroaldol reaction. <i>Tetrahedron Letters</i> , 2016, 57, 1815-1819.	0.7	19
84	Catalytic asymmetric synthesis of key intermediate for scytophycin C. <i>Tetrahedron Letters</i> , 2016, 57, 446-448.	0.7	9
85	Recent Advances in Catalytic Asymmetric C-C Bond-Forming Reactions to Ketimines Promoted by Metal-Based Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 503-517.	2.0	73
86	Direct Catalytic Asymmetric Mannich-Type Reaction of $\hat{1}$ -N <sub>3</sub> Amide. <i>Chemistry - A European Journal</i> , 2015, 21, 17574-17577.	1.7	44
87	Direct Catalytic Asymmetric Mannich-Type Reaction of $\hat{1}$ - and $\hat{1}^2$ -Fluorinated Amides. <i>Journal of the American Chemical Society</i> , 2015, 137, 15929-15939.	6.6	109
88	Synthesis of caprazamycin B. <i>Tetrahedron Letters</i> , 2015, 56, 3782-3785.	0.7	16
89	Direct Catalytic Asymmetric Aldol Reaction of an $\hat{1}$ -Azido Amide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6236-6240.	7.2	68
90	Managing the retro-pathway in direct catalytic asymmetric aldol reactions of thioamides. <i>Chemical Science</i> , 2015, 6, 6124-6132.	3.7	22

#	ARTICLE	IF	CITATIONS
91	Catalytic Generation of $\hat{\text{I}}_{\pm}\text{-CF}_3$ Enolate: Direct Catalytic Asymmetric Mannich-Type Reaction of $\hat{\text{I}}_{\pm}\text{-CF}_3$ Amide. <i>Journal of the American Chemical Society</i> , 2014, 136, 17958-17961.	6.6	90
92	Direct Aldol Strategy in Enantioselective Total Synthesis of Thuggacin. <i>B. Chemistry - A European Journal</i> , 2014, 20, 68-71.	1.7	21
93	An Enantioselective Synthesis of the Key Intermediate for Triazole Antifungal Agents; Application to the Catalytic Asymmetric Synthesis of Efinaconazole (Jublia). <i>Journal of Organic Chemistry</i> , 2014, 79, 3272-3278.	1.7	38
94	A Designed Amide as an Aldol Donor in the Direct Catalytic Asymmetric Aldol Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6150-6154.	7.2	59
95	Direct Catalytic Asymmetric Vinylogous Conjugate Addition of Unsaturated Butyrolactones to $\hat{\text{I}}_{\pm}\text{-}\hat{\text{I}}^2$ Unsaturated Thioamides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5327-5331.	7.2	77
96	Recent advances in cooperative bimetallic asymmetric catalysis: dinuclear Schiff base complexes. <i>Chemical Communications</i> , 2014, 50, 1044-1057.	2.2	229
97	Direct Catalytic Addition of Alkyl nitriles to Aldehydes by Transition-Metal/NHC Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 15723-15726.	1.7	49
98	Iterative Direct Aldol Strategy for Polypropionates: Enantioselective Total Synthesis of ( $\hat{\text{a}}^{\text{r}}$ )-Membrenone A and B. <i>Organic Letters</i> , 2014, 16, 5301-5303.	2.4	17
99	Self-Assembled Asymmetric Catalyst Engaged in a Continuous-Flow Platform: An <i>Anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction. <i>Organic Letters</i> , 2014, 16, 3496-3499.	2.4	52
100	Direct catalytic asymmetric addition of acetonitrile to N-thiophosphinoylimines. <i>Chemical Communications</i> , 2013, 49, 11227.	2.2	49
101	A Modified Preparation Procedure for Carbon Nanotube-Confined Nd/Na Heterobimetallic Catalyst for <i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reactions. <i>Journal of Organic Chemistry</i> , 2013, 78, 11494-11500.	1.7	29
102	Self-Assembling Neodymium/Sodium Heterobimetallic Asymmetric Catalyst Confined in a Carbon Nanotube Network. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6196-6201.	7.2	59
103	Streamlined Catalytic Asymmetric Synthesis of Atorvastatin. <i>Chemistry - A European Journal</i> , 2013, 19, 3802-3806.	1.7	40
104	Catalytic Enantioselective Desymmetrization of <i>meso</i> -Glutaric Anhydrides Using a Stable $\text{Ni}_2$ -Schiff Base Catalyst. <i>Organic Letters</i> , 2012, 14, 1358-1361.	2.4	42
105	Studies on Catalytic Enantioselective Total Synthesis of Caprazamycin B: Construction of the Western Zone. <i>Journal of Organic Chemistry</i> , 2012, 77, 9260-9267.	1.7	49
106	Cooperative Asymmetric Catalysis Using Thioamides toward Truly Practical Organic Syntheses. <i>Israel Journal of Chemistry</i> , 2012, 52, 604-612.	1.0	19
107	Catalytic Asymmetric <i>anti</i> -Selective Nitroaldol Reaction En Route to Zanamivir. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1644-1647.	7.2	54
108	Direct Catalytic Enantio- and Diastereoselective Aldol Reaction of Thioamides. <i>Journal of the American Chemical Society</i> , 2011, 133, 5554-5560.	6.6	120

#	ARTICLE	IF	CITATIONS
109	Recent Advances in Direct Catalytic Asymmetric Transformations under Protonâ€ transfer Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4760-4772.	7.2	165
110	Asymmetric Synthesis of Isothiazoles through Cu Catalysis: Direct Catalytic Asymmetric Conjugate Addition of Allyl Cyanide to $\alpha,\beta$ -Unsaturated Thioamides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7910-7914.	7.2	66
111	Direct Catalytic Asymmetric Intramolecular Conjugate Addition of Thioamide to $\alpha,\beta$ -Unsaturated Esters. <i>Chemistry - A European Journal</i> , 2011, 17, 11998-12001.	1.7	26
112	A simplified catalytic system for direct catalytic asymmetric aldol reaction of thioamides; application to an enantioselective synthesis of atorvastatin. <i>Tetrahedron</i> , 2011, 67, 6539-6546.	1.0	56
113	Direct Catalytic Asymmetric Addition of Allyl Cyanide to Ketones via Soft Lewis Acid/Hard Brønsted Base/Hard Lewis Base Catalysis. <i>Journal of the American Chemical Society</i> , 2010, 132, 5522-5531.	6.6	128
114	Catalytic Asymmetric Synthesis of $\alpha$ -Alkylidene- $\beta$ -hydroxy Esters via Dynamic Kinetic Asymmetric Transformation Involving Ba-Catalyzed Direct Aldol Reaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 10842-10843.	6.6	92
115	Nucleophile Generation via Decarboxylation: Asymmetric Construction of Contiguous Trisubstituted and Quaternary Stereocenters through a Cu(I)-Catalyzed Decarboxylative Mannich-Type Reaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 9610-9611.	6.6	155
116	Recent Progress in Asymmetric Bifunctional Catalysis Using Multimetallic Systems. <i>Accounts of Chemical Research</i> , 2009, 42, 1117-1127.	7.6	452
117	<i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction via a Heterobimetallic Heterogeneous Catalyst. <i>Journal of the American Chemical Society</i> , 2009, 131, 13860-13869.	6.6	141
118	Direct Catalytic Asymmetric Aldol Reactions of Thioamides: Toward a Stereocontrolled Synthesis of 1,3-Polyols. <i>Journal of the American Chemical Society</i> , 2009, 131, 18244-18245.	6.6	109
119	A Heterobimetallic Pd/La/Schiff Base Complex for <i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reactions and Applications to Short Syntheses of $\beta$ -Adrenoceptor Agonists. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3230-3233.	7.2	186
120	A catalytic asymmetric anti-selective nitroaldol reaction with a neodymiumâ€ sodium heterobimetallic complex. <i>Tetrahedron Letters</i> , 2008, 49, 272-276.	0.7	88
121	Asymmetric Synthesis of Tertiary Alcohols and $\alpha$ -Tertiary Amines via Cu-Catalyzed Câ€C Bond Formation to Ketones and Ketimines. <i>Chemical Reviews</i> , 2008, 108, 2853-2873.	23.0	527
122	Stereodivergent Catalytic Doubly Diastereoselective Nitroaldol Reactions Using Heterobimetallic Complexes. <i>Organic Letters</i> , 2008, 10, 2231-2234.	2.4	71
123	Catalytic Asymmetric Cyclopropanation of Enones with Dimethyloxosulfonium Methylide Promoted by a $\text{La}^{\text{III}}\text{Li}^{\text{III}}$ (Biphenyldiolate) <sub>3</sub> + NaI Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 13410-13411.	6.6	103
124	Catalytic Enantioselective Mannich-type Reactions of Ketoimines. <i>Journal of the American Chemical Society</i> , 2007, 129, 500-501.	6.6	123
125	Copper(I) Alkoxide-Catalyzed Alkynylation of Trifluoromethyl Ketones. <i>Organic Letters</i> , 2007, 9, 2997-3000.	2.4	142
126	Catalytic nucleophilic activation of acetonitrile via a cooperative catalysis of cationic Ru complex, DBU, and NaPF <sub>6</sub> . <i>Tetrahedron</i> , 2007, 63, 8598-8608.	1.0	65



#	ARTICLE	IF	CITATIONS
127	Mixed La~Li Heterobimetallic Complexes for Tertiary Nitroaldol Resolution. <i>Journal of the American Chemical Society</i> , 2006, 128, 11776-11777.	6.6	119
128	Catalytic Enantioselective Aldol Reaction to Ketones. <i>Journal of the American Chemical Society</i> , 2006, 128, 7164-7165.	6.6	141
129	Direct Catalytic Asymmetric Mannich-Type Reactions of N-(2-Hydroxyacetyl)pyrrole as an Ester-Equivalent Donor. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4365-4368.	7.2	120
130	Power of Cooperativity: Lewis Acid-Lewis Base Bifunctional Asymmetric Catalysis. <i>Synlett</i> , 2005, 2005, 1491-1508.	1.0	342
131	Catalytic chemoselective addition of acetonitrile to enolizable aldehydes with cationic Ru complex/DBU combination. <i>Chemical Communications</i> , 2005, , 3600.	2.2	48
132	Cu(I)-Catalyzed Direct Enantioselective Cross Aldol-Type Reaction of Acetonitrile. <i>Organic Letters</i> , 2005, 7, 3757-3760.	2.4	160
133	Dynamic Ligand Exchange of the Lanthanide Complex Leading to Structural and Functional Transformation: A One-Pot Sequential Catalytic Asymmetric Epoxidation-Regioselective Epoxide-Opening Process. <i>Journal of the American Chemical Society</i> , 2005, 127, 2147-2155.	6.6	101
134	Cooperative Catalysis of a Cationic Ruthenium Complex, Amine Base, and Na Salt: A Catalytic Activation of Acetonitrile as a Nucleophile. <i>Journal of the American Chemical Society</i> , 2004, 126, 13632-13633.	6.6	159
135	Direct Catalytic Aldol-Type Reactions Using RCH <sub>2</sub> CN. <i>Organic Letters</i> , 2003, 5, 3147-3150.	2.4	146
136	anti-Selective Direct Catalytic Asymmetric Mannich-type Reaction of Hydroxyketone Providing $\beta$ -Amino Alcohols. <i>Journal of the American Chemical Society</i> , 2003, 125, 4712-4713.	6.6	232
137	Lanthanide Complexes in Multifunctional Asymmetric Catalysis. <i>Chemical Reviews</i> , 2002, 102, 2187-2210.	23.0	1,147
138	Direct Catalytic Asymmetric Aldol Reaction: A Synthesis of Ethersyn- or anti- $\beta$ , $\beta$ -Dihydroxy Ketones. <i>Journal of the American Chemical Society</i> , 2001, 123, 2466-2467.	6.6	191
139	A Catalytic Asymmetric Strecker-Type Reaction Promoted by Lewis Acid-Lewis Base Bifunctional Catalyst. <i>Chemical and Pharmaceutical Bulletin</i> , 2000, 48, 1586-1592.	0.6	54
140	A Catalytic Asymmetric Strecker-Type Reaction: Interesting Reactivity Difference between TMSCN and HCN. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1650-1652.	7.2	197
141	Stable, Storable, and Reusable Asymmetric Catalyst: A Novel La-linked-BINOL Complex for the Catalytic Asymmetric Michael Reaction. <i>Journal of the American Chemical Society</i> , 2000, 122, 6506-6507.	6.6	183
142	Towards Perfect Asymmetric Catalysis: Additives and Cocatalysts. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1570-1577.	7.2	269
143	Direct Catalytic Asymmetric Aldol Reaction. <i>Journal of the American Chemical Society</i> , 1999, 121, 4168-4178.	6.6	366
144	Asymmetric Catalysis with Heterobimetallic Compounds. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1236-1256.	4.4	674

#	ARTICLE	IF	CITATIONS
145	Direct Catalytic Asymmetric Aldol Reactions of Aldehydes with Unmodified Ketones. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1871-1873.	4.4	366
146	Direkte katalytische asymmetrische Aldolreaktionen von Aldehyden mit nicht modifizierten Ketonen. <i>Angewandte Chemie</i> , 1997, 109, 1942-1944.	1.6	108
147	A New Multifunctional Heterobimetallic Asymmetric Catalyst for Michael Additions and Tandem Michael–Aldol Reactions. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 104-106.	4.4	238
148	Efficient Diastereoselective and Enantioselective Nitroaldol Reactions from Prochiral Starting Materials: Utilization of La-Li-6,6'-Disubstituted BINOL Complexes as Asymmetric Catalysts. <i>Journal of Organic Chemistry</i> , 1995, 60, 7388-7389.	1.7	260
149	The First Heterobimetallic Multifunctional Asymmetric Catalyst. <i>Journal of the American Chemical Society</i> , 1995, 117, 6194-6198.	6.6	303
150	Catalytic Asymmetric Michael Reactions Promoted by a Lithium-Free Lanthanum-BINOL Complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 1571-1572.	6.6	185
151	Catalytic asymmetric nitroaldol reaction using optically active rare earth BINOL complexes: investigation of the catalyst structure. <i>Journal of the American Chemical Society</i> , 1993, 115, 10372-10373.	6.6	219
152	Basic character of rare earth metal alkoxides. Utilization in catalytic carbon-carbon bond-forming reactions and catalytic asymmetric nitroaldol reactions. <i>Journal of the American Chemical Society</i> , 1992, 114, 4418-4420.	6.6	584