

Masakatsu Shibasaki

List of Publications by Year in descending order

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170
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#	ARTICLE	IF	CITATIONS
1	Lanthanide Complexes in Multifunctional Asymmetric Catalysis. <i>Chemical Reviews</i> , 2002, 102, 2187-2210.	23.0	1,147
2	Asymmetric Catalysis with Heterobimetallic Compounds. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1236-1256.	4.4	674
3	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
4	Asymmetric Synthesis of Tertiary Alcohols and β -Tertiary Amines via Cu-Catalyzed C-C Bond Formation to Ketones and Ketimines. <i>Chemical Reviews</i> , 2008, 108, 2853-2873.	23.0	527
5	Recent Progress in Asymmetric Bifunctional Catalysis Using Multimetallic Systems. <i>Accounts of Chemical Research</i> , 2009, 42, 1117-1127.	7.6	452
6	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
7	Direct Catalytic Asymmetric Aldol Reaction. <i>Journal of the American Chemical Society</i> , 1999, 121, 4168-4178.	6.6	366
8	Power of Cooperativity: Lewis Acid-Lewis Base Bifunctional Asymmetric Catalysis. <i>Synlett</i> , 2005, 2005, 1491-1508.	1.0	342
9	The First Heterobimetallic Multifunctional Asymmetric Catalyst. <i>Journal of the American Chemical Society</i> , 1995, 117, 6194-6198.	6.6	303
10	Towards Perfect Asymmetric Catalysis: Additives and Cocatalysts. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1570-1577.	7.2	269
11	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
12	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
13	anti-Selective Direct Catalytic Asymmetric Mannich-type Reaction of Hydroxyketone Providing β -Amino Alcohols. <i>Journal of the American Chemical Society</i> , 2003, 125, 4712-4713.	6.6	232
14	Recent advances in cooperative bimetallic asymmetric catalysis: dinuclear Schiff base complexes. <i>Chemical Communications</i> , 2014, 50, 1044-1057.	2.2	229
15	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
16	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
17	Direct Catalytic Asymmetric Aldol Reaction: Synthesis of Ethersyn- or anti- β , β -Dihydroxy Ketones. <i>Journal of the American Chemical Society</i> , 2001, 123, 2466-2467.	6.6	191
18	A Heterobimetallic Pd/La/Schiff Base Complex for anti- β -Selective Catalytic Asymmetric Nitroaldol Reactions and Applications to Short Syntheses of β -Adrenoceptor Agonists. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3230-3233.	7.2	186

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19	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
20	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
21	Recent Advances in Direct Catalytic Asymmetric Transformations under Proton Transfer Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4760-4772.	7.2	165
22	Cu(I)-Catalyzed Direct Enantioselective Cross Aldol-Type Reaction of Acetonitrile. <i>Organic Letters</i> , 2005, 7, 3757-3760.	2.4	160
23	Cooperative Catalysis of a Cationic Ruthenium Complex, Amine Base, and Na Salt: Catalytic Activation of Acetonitrile as a Nucleophile. <i>Journal of the American Chemical Society</i> , 2004, 126, 13632-13633.	6.6	159
24	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
25	Unique physicochemical and catalytic properties dictated by the B3NO2 ring system. <i>Nature Chemistry</i> , 2017, 9, 571-577.	6.6	148
26	Direct Catalytic Aldol-Type Reactions Using RCH ₂ CN. <i>Organic Letters</i> , 2003, 5, 3147-3150.	2.4	146
27	Copper(I) Alkoxide-Catalyzed Alkynylation of Trifluoromethyl Ketones. <i>Organic Letters</i> , 2007, 9, 2997-3000.	2.4	142
28	Catalytic Enantioselective Aldol Reaction to Ketones. <i>Journal of the American Chemical Society</i> , 2006, 128, 7164-7165.	6.6	141
29	<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
30	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
31	Catalytic Enantioselective Mannich-type Reactions of Ketoimines. <i>Journal of the American Chemical Society</i> , 2007, 129, 500-501.	6.6	123
32	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
33	Direct Catalytic Enantio- and Diastereoselective Aldol Reaction of Thioamides. <i>Journal of the American Chemical Society</i> , 2011, 133, 5554-5560.	6.6	120
34	Mixed La ^{III} /Li Heterobimetallic Complexes for Tertiary Nitroaldol Resolution. <i>Journal of the American Chemical Society</i> , 2006, 128, 11776-11777.	6.6	119
35	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
36	Direct Catalytic Asymmetric Mannich-Type Reaction of α - and β -Fluorinated Amides. <i>Journal of the American Chemical Society</i> , 2015, 137, 15929-15939.	6.6	109

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37	Direkte katalytische asymmetrische Aldolreaktionen von Aldehyden mit nicht modifizierten Ketonen. <i>Angewandte Chemie</i> , 1997, 109, 1942-1944.	1.6	108
38	Catalytic Asymmetric Cyclopropanation of Enones with Dimethyloxosulfonium Methylide Promoted by a La ^{III} -Li ⁺ (Biphenyldiolate) ⁻ + NaI Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 13410-13411.	6.6	103
39	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
40	Catalytic Asymmetric Synthesis of α -Alkylidene- β -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
41	Catalytic Generation of α -CF ₃ Enolate: Direct Catalytic Asymmetric Mannich-Type Reaction of α -CF ₃ Amide. <i>Journal of the American Chemical Society</i> , 2014, 136, 17958-17961.	6.6	90
42	A catalytic asymmetric anti-selective nitroaldol reaction with a neodymium-sodium heterobimetallic complex. <i>Tetrahedron Letters</i> , 2008, 49, 272-276.	0.7	88
43	Cu/Pd Synergistic Dual Catalysis: Asymmetric α -Allylation of an α -CF ₃ Amide. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5551-5555.	7.2	79
44	Direct Catalytic Asymmetric Vinylogous Conjugate Addition of Unsaturated Butyrolactones to α -Unsaturated Thioamides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5327-5331.	7.2	77
45	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
46	Stereodivergent Catalytic Doubly Diastereoselective Nitroaldol Reactions Using Heterobimetallic Complexes. <i>Organic Letters</i> , 2008, 10, 2231-2234.	2.4	71
47	Direct Catalytic Asymmetric Aldol Reaction of an α -Azido Amide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6236-6240.	7.2	68
48	Asymmetric Synthesis of Isothiazoles through Cu Catalysis: Direct Catalytic Asymmetric Conjugate Addition of Allyl Cyanide to α -Unsaturated Thioamides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7910-7914.	7.2	66
49	Catalytic nucleophilic activation of acetonitrile via a cooperative catalysis of cationic Ru complex, DBU, and NaPF ₆ . <i>Tetrahedron</i> , 2007, 63, 8598-8608.	1.0	65
50	Catalytic asymmetric synthesis of CF ₃ -substituted tertiary propargylic alcohols via direct aldol reaction of α -N ₃ amide. <i>Chemical Science</i> , 2017, 8, 3260-3269.	3.7	62
51	Quaternary β -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
52	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
53	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
54	Photocatalytic α -Acylation of Ethers. <i>Organic Letters</i> , 2017, 19, 3727-3730.	2.4	58

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55	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
56	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
57	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
58	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
59	<i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction of $\hat{\alpha}$ -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
60	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
61	Direct catalytic asymmetric addition of acetonitrile to N-thiophosphinoylimines. <i>Chemical Communications</i> , 2013, 49, 11227.	2.2	49
62	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
63	Traceless Electrophilic Amination for the Synthesis of Unprotected Cyclic $\hat{\alpha}$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 2019, 141, 10530-10537.	6.6	49
64	Catalytic chemoselective addition of acetonitrile to enolizable aldehydes with cationic Ru complex/DBU combination. <i>Chemical Communications</i> , 2005, , 3600.	2.2	48
65	Conquering amide planarity: Structural distortion and its hidden reactivity. <i>Tetrahedron Letters</i> , 2018, 59, 1147-1158.	0.7	48
66	Catalytic Oligopeptide Synthesis. <i>Organic Letters</i> , 2018, 20, 612-615.	2.4	48
67	Direct Catalytic Asymmetric Mannich-Type Reaction of Alkylamides. <i>Organic Letters</i> , 2016, 18, 2391-2394.	2.4	45
68	Recent Advances in the Catalytic Asymmetric Synthesis of $\hat{\alpha}$ - and $\hat{\alpha},\hat{\beta}$ -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2350-2361.	1.2	45
69	Direct Catalytic Asymmetric Mannich-Type Reaction of $\hat{\alpha}$ -N ₃ Amide. <i>Chemistry - A European Journal</i> , 2015, 21, 17574-17577.	1.7	44
70	$\hat{\alpha}$ -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
71	Catalytic Enantioselective Desymmetrization of <i>meso</i> -Glutaric Anhydrides Using a Stable Ni ₂ -Schiff Base Catalyst. <i>Organic Letters</i> , 2012, 14, 1358-1361.	2.4	42
72	Streamlined Catalytic Asymmetric Synthesis of Atorvastatin. <i>Chemistry - A European Journal</i> , 2013, 19, 3802-3806.	1.7	40

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73	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
74	Direct Catalytic Asymmetric Aldol Reaction of α -Alkylamides. <i>Organic Letters</i> , 2017, 19, 710-713.	2.4	38
75	Catalytic Asymmetric Synthesis of α -Trifluoromethylated Carbinols: A Case Study of Tertiary Propargylic Alcohols. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 599-612.	1.3	38
76	Synthesis of Unprotected Spirocyclic β -Prolines and β -Homoprolines by Rh-Catalyzed C-H Insertion. <i>Organic Letters</i> , 2019, 21, 9296-9299.	2.4	38
77	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
78	Electrophilic Activation of α,β -Unsaturated Amides: Catalytic Asymmetric Vinylogous Conjugate Addition of Unsaturated γ -Butyrolactones. <i>Chemistry - A European Journal</i> , 2016, 22, 5525-5529.	1.7	37
79	Exploiting α -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
80	Neighboring Protonation Unveils Lewis Acidity in the $B_{3}NO_{2}$ Heterocycle. <i>Journal of the American Chemical Society</i> , 2019, 141, 1546-1554.	6.6	35
81	Direct Catalytic Asymmetric 1,6-Conjugate Addition of Amides to <i>p</i> -Quinone Methides. <i>Organic Letters</i> , 2018, 20, 3070-3073.	2.4	34
82	All Non-Carbon $B_{3}NO_{2}$ Exotic Heterocycles: Synthesis, Dynamics, and Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 4648-4653.	1.7	34
83	Direct Catalytic Asymmetric Mannich-Type Reaction en Route to α -Hydroxy- β -amino Acid Derivatives. <i>Organic Letters</i> , 2018, 20, 526-529.	2.4	32
84	Direct Catalytic Asymmetric Aldol Reaction of α -Alkoxyamides to α -Fluorinated Ketones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2459-2463.	7.2	31
85	A Modified Preparation Procedure for Carbon Nanotube-Confined Nd/Na Heterobimetallic Catalyst for anti-Selective Catalytic Asymmetric Nitroaldol Reactions. <i>Journal of Organic Chemistry</i> , 2013, 78, 11494-11500.	1.7	29
86	Direct Catalytic Asymmetric Aldol Addition of an α -CF ₃ Amide to Aryl glyoxal Hydrates. <i>Journal of Organic Chemistry</i> , 2017, 82, 8304-8308.	1.7	29
87	7-Azaindoline Auxiliary: A Versatile Attachment Facilitating Enantioselective C-C Bond-Forming Catalysis. <i>Synthesis</i> , 2019, 51, 185-193.	1.2	29
88	Achiral Trisubstituted Thioureas as Secondary Ligands to Cu ^I Catalysts: Direct Catalytic Asymmetric Addition of α -Fluoronitriles to Imines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2644-2648.	7.2	28
89	Direct Catalytic Asymmetric Aldol Reaction of Thioamide with an α -Vinyl Appendage. <i>Chemistry - A European Journal</i> , 2018, 24, 2598-2601.	1.7	27
90	Direct Catalytic Asymmetric Intramolecular Conjugate Addition of Thioamide to α,β -Unsaturated Esters. <i>Chemistry - A European Journal</i> , 2011, 17, 11998-12001.	1.7	26

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91	The Different Faces of [Ru(bpy) ₃ Cl ₂] and <i>fac</i> -[Ir(ppy) ₃] Photocatalysts: Redox Potential Controlled Synthesis of Sulfonlated Fluorenes and Pyrroloindoles from Unactivated Olefins and Sulfonyl Chlorides. <i>Organic Letters</i> , 2020, 22, 7853-7858.	2.4	26
92	Enantioselective synthesis of $\hat{1}\pm, \hat{1}\pm$ -disubstituted $\hat{1}\pm$ -amino acids via direct catalytic asymmetric addition of acetonitrile to $\hat{1}\pm$ -iminoesters. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9725-9730.	1.5	25
93	Direct Catalytic Asymmetric Aldol Reaction of $\hat{1}\pm$ -Vinyl Acetamide. <i>Journal of Organic Chemistry</i> , 2018, 83, 5851-5858.	1.7	25
94	$\hat{1}\pm, \hat{1}^2$ -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
95	<i>O</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
96	Managing the retro-pathway in direct catalytic asymmetric aldol reactions of thioamides. <i>Chemical Science</i> , 2015, 6, 6124-6132.	3.7	22
97	Heterogeneous Heterobimetallic Catalysis Enabling Expeditious Access to CF ₃ -Containing <i>vic</i> -Amino Alcohols. <i>Organic Letters</i> , 2018, 20, 308-311.	2.4	22
98	Direct Aldol Strategy in Enantioselective Total Synthesis of Thuggacin...B. <i>Chemistry - A European Journal</i> , 2014, 20, 68-71.	1.7	21
99	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
100	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
101	Direct N-acylation of sulfoximines with carboxylic acids catalyzed by the B ₃ NO ₂ heterocycle. <i>Chemical Communications</i> , 2017, 53, 7447-7450.	2.2	20
102	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
103	Quaternary $\hat{1}^{2,2}$ -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
104	Cooperative Asymmetric Catalysis Using Thioamides toward Truly Practical Organic Syntheses. <i>Israel Journal of Chemistry</i> , 2012, 52, 604-612.	1.0	19
105	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
106	Cu/Pd Synergistic Dual Catalysis: Asymmetric $\hat{1}\pm$ -Allylation of an $\hat{1}\pm$ -CF ₃ Amide. <i>Angewandte Chemie</i> , 2017, 129, 5643-5647.	1.6	19
107	Introduction of a 7-aza-6-MeO-indoline auxiliary in Lewis-acid/photoredox cooperative catalysis: highly enantioselective aminomethylation of $\hat{1}\pm, \hat{1}^2$ -unsaturated amides. <i>Chemical Science</i> , 2020, 11, 5168-5174.	3.7	19
108	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

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109	Iterative Direct Aldol Strategy for Polypropionates: Enantioselective Total Synthesis of (âˆ™)-Membrenone A and B. <i>Organic Letters</i> , 2014, 16, 5301-5303.	2.4	17
110	Synthesis of caprazamycin B. <i>Tetrahedron Letters</i> , 2015, 56, 3782-3785.	0.7	16
111	Catalytic Asymmetric Total Synthesis and Stereochemical Revision of Leucinostatinâ€™...A: A Modulator of Tumorâ€™Stroma Interaction. <i>Chemistry - A European Journal</i> , 2017, 23, 11792-11796.	1.7	16
112	Generation and application of Cu-bound alkyl nitrenes for the catalyst-controlled synthesis of cyclic Î²-amino acids. <i>Chemical Science</i> , 2021, 12, 7809-7817.	3.7	16
113	Catalystâ€™Controlled Chemoselective Nitrene Transfers. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100140.	1.0	16
114	Lewis Base Assisted Lithium BrÃ¼nsted Base Catalysis: A New Entry for Catalytic Asymmetric Synthesis of Î²<sup>2</sup>-Amino Acids. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1046-1049.	0.6	15
115	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
116	Structure-activity relationship study of leucinostatin A, a modulator of tumorâ€™stroma interaction. <i>Tetrahedron</i> , 2018, 74, 5129-5137.	1.0	14
117	Highly Enantio- and Diastereoselective Synthesis of 1,2,3-Trisubstituted Cyclopropanes from Î±,Î²-Unsaturated Amides and Stabilized Sulfur Ylides Catalyzed by a Chiral Copper(I) Complex. <i>ACS Catalysis</i> , 2021, 11, 11597-11606.	5.5	14
118	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
119	Achiral Trisubstituted Thioureas as Secondary Ligands to Cu^I Catalysts: Direct Catalytic Asymmetric Addition of Î±â€™Fluoronitriles to Imines. <i>Angewandte Chemie</i> , 2019, 131, 2670-2674.	1.6	13
120	Direct Catalytic Asymmetric Addition of Alkyl nitriles to Aldehydes with Designed Nickelâ€™Carbene Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8739-8743.	7.2	13
121	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
122	Direct Catalytic Asymmetric Mannich-Type Reaction of an Î±-CF ₃ Amide to Isatin Imines. <i>Synlett</i> , 2019, 30, 488-492.	1.0	12
123	Direct Catalytic Asymmetric Addition of Acetonitrile to Aldimines. <i>Organic Letters</i> , 2019, 21, 8187-8190.	2.4	11
124	Catalytic Asymmetric 1,3-Dipolar Cycloaddition of Î±,Î²-Unsaturated Amide and Azomethine Imine. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 552-554.	0.6	11
125	Direct Catalytic Asymmetric Aldol Reaction of Î±â€™Alkoxyamides to Î±â€™Fluorinated Ketones. <i>Angewandte Chemie</i> , 2019, 131, 2481-2485.	1.6	10
126	Ligand-Enabled, Copper-Catalyzed Electrophilic Amination for the Asymmetric Synthesis of Î²-Amino Acids. <i>Organic Letters</i> , 2021, 23, 8617-8621.	2.4	10

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127	Catalytic asymmetric synthesis of key intermediate for scytophycin C. <i>Tetrahedron Letters</i> , 2016, 57, 446-448.	0.7	9
128	Direct Catalytic Asymmetric Addition of β -Fluoronitriles to Aldehydes. <i>Chemistry - A European Journal</i> , 2020, 26, 15524-15527.	1.7	9
129	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
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