

Keiji Mori

List of Publications by Year in descending order

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109321

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#	ARTICLE	IF	CITATIONS
1	Synthesis of <i>C</i> -Symmetric Macrocyclic Triimines from Monomers Having Boc-protected Amine and Formyl Group. <i>Chemistry Letters</i> , 2022, 51, 217-220.	1.3	3
2	C(sp ³)-H Bond Functionalization Mediated by Hydride a Shift/Cyclization System. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 296-305.	3.2	17
3	Catalytic Magnesium-Oppenauer Oxidation of Alcohols. <i>Chemistry Letters</i> , 2022, 51, 481-484.	1.3	0
4	Access to <i>ortho</i> -Hydroxyphenyl Ketimines via Imine Anion-Mediated Smiles Rearrangement. <i>Organic Letters</i> , 2022, 24, 4140-4144.	4.6	1
5	Stereoselective synthesis of highly congested tetralin-fused spirooxindoles with hydroxy group: Pseudo oxygen atom induced hydride shift/cyclization process. <i>Tetrahedron Letters</i> , 2021, 83, 153408.	1.4	6
6	Divergent Access to Seven/Five-Membered Rings Based on [1,6]-Hydride Shift/Cyclization Process. <i>Organic Letters</i> , 2021, 23, 9403-9407.	4.6	20
7	Facile Synthesis of π -Conjugated Heteroaromatic Compounds via Weak-Base-Promoted Transition-Metal-Free C-N Coupling. <i>Synthesis</i> , 2020, 52, 1096-1102.	2.3	3
8	Expeditious Synthesis of Multisubstituted Quinolinone Derivatives Based on Ring Recombination Strategy. <i>Organic Letters</i> , 2020, 22, 244-248.	4.6	25
9	Genome Mining-Based Discovery of Fungal Macrolides Modified by glycosylphosphatidylinositol (GPI)-Ethanamine Phosphate Transferase Homologues. <i>Organic Letters</i> , 2020, 22, 5876-5879.	4.6	16
10	Highly Stereoselective Synthesis of Fused Tetrahydropyrans via Lewis-Acid-Promoted Double C(sp ³)-H Bond Functionalization. <i>Organic Letters</i> , 2020, 22, 5801-5805.	4.6	25
11	Rapid access to 3-indolyl-1-trifluoromethyl-isobenzofurans by hybrid use of Lewis/Brønsted acid catalysts. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6602-6606.	2.8	9
12	Synthesis of Seven-membered Ring Containing Difluoromethylene Unit by Sc(OTf) ₃ -catalyzed Activation of Single C-F Bond in CF ₃ Group. <i>Chemistry Letters</i> , 2019, 48, 771-774.	1.3	10
13	Highly Diastereoselective Synthesis of Medium-Sized Carbocycle-Fused Piperidines via Sequential Hydride Shift Triggered Double C(sp ³)-H Bond Functionalization. <i>Organic Letters</i> , 2019, 21, 9334-9338.	4.6	49
14	The Discovery of Fungal Polyene Macrolides via a Postgenomic Approach Reveals a Polyketide Macrocyclization by trans-Acting Thioesterase in Fungi. <i>Organic Letters</i> , 2019, 21, 4788-4792.	4.6	33
15	Diastereoselective Synthesis of CF ₃ -Substituted Spiroisochromans by [1,5]-Hydride Shift/Cyclization/Intramolecular Friedel-Crafts Reaction Sequence. <i>Organic Letters</i> , 2019, 21, 2383-2387.	4.6	33
16	Construction of seven- and eight-membered carbocycles by Lewis acid catalyzed C(sp ³)-H bond functionalization. <i>Chemical Communications</i> , 2019, 55, 13856-13859.	4.1	42
17	Diastereoselective Synthesis of Multisubstituted Chroman Derivatives via Iminium Formation/Morita-Baylis-Hillman Reaction/Oxa-Michael Reaction Sequence. <i>Chemistry Letters</i> , 2019, 48, 337-340.	1.3	1
18	Highly Diastereoselective Synthesis of Tetralin-fused Spirooxindoles via Lewis Acid-catalyzed C(sp ³)-H Bond Functionalization. <i>Chemistry Letters</i> , 2018, 47, 868-871.	1.3	17

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19	Expeditious synthesis of multisubstituted indoles <i>via</i> multiple hydrogen transfers. <i>Chemical Communications</i> , 2018, 54, 12686-12689.	4.1	32
20	Divergent synthesis of CF ₃ -substituted polycyclic skeletons based on control of activation site of acid catalysts. <i>Chemical Communications</i> , 2018, 54, 6927-6930.	4.1	36
21	Construction of 1,3-Dithio-Substituted Tetralins by [1,5]-Alkylthio Group Transfer Mediated Skeletal Rearrangement. <i>Organic Letters</i> , 2018, 20, 4223-4226.	4.6	17
22	Highly diastereoselective synthesis of tricyclic fused-pyrans by sequential hydride shift mediated double C(sp ³)â€“H bond functionalization. <i>Chemical Science</i> , 2018, 9, 7327-7331.	7.4	47
23	Chiral Magnesium Bisphosphate-Catalyzed Asymmetric Double C(sp ³)â€“H Bond Functionalization Based on Sequential Hydride Shift/Cyclization Process. <i>Journal of the American Chemical Society</i> , 2018, 140, 6203-6207.	13.7	114
24	Hf(OTf) ₄ -Catalyzed highly diastereoselective synthesis of 1,3-disubstituted tetralin derivatives via benzylic C(sp ³)â€“H bond functionalization. <i>Chemical Communications</i> , 2017, 53, 4319-4322.	4.1	34
25	Enantiodivergent Atroposelective Synthesis of Chiral Biaryls by Asymmetric Transfer Hydrogenation: Chiral Phosphoric Acid Catalyzed Dynamic Kinetic Resolution. <i>Angewandte Chemie</i> , 2016, 128, 11814-11818.	2.0	71
26	Enantiodivergent Atroposelective Synthesis of Chiral Biaryls by Asymmetric Transfer Hydrogenation: Chiral Phosphoric Acid Catalyzed Dynamic Kinetic Resolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11642-11646.	13.8	167
27	Highly Efficient Kinetic Resolution of PHANOL by Chiral Phosphoric Acid Catalyzed Asymmetric Acylation. <i>Synthesis</i> , 2016, 49, 365-370.	2.3	4
28	Synthesis of 3-aryl-1-trifluoromethyltetrahydroisoquinolines by Brønsted Acid-Catalyzed C(sp ³)â€“H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 901-906.	4.3	51
29	Stronger Brønsted Acids: Recent Progress. <i>Chemical Reviews</i> , 2015, 115, 9277-9306.	47.7	570
30	Enantioselective synthesis of fused heterocycles with contiguous stereogenic centers by chiral phosphoric acid catalyzed symmetry breaking. <i>Chemical Communications</i> , 2015, 51, 16107-16110.	4.1	16
31	Enantioselective Synthesis of Chiral Biaryl Chlorides/Iodides by a Chiral Phosphoric Acid Catalyzed Sequential Halogenation Strategy. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 35-40.	4.3	18
32	Expeditious synthesis of 1-aminoindane derivatives achieved by [1,4]-hydride shift mediated C(sp ³)â€“H bond functionalization. <i>Chemical Communications</i> , 2014, 50, 3729.	4.1	49
33	Stereoselective construction of all-carbon quaternary center by means of chiral phosphoric acid: highly enantioselective Friedelâ€“Crafts reaction of indoles with β,β -disubstituted nitroalkenes. <i>Chemical Science</i> , 2014, 5, 1799-1803.	7.4	74
34	Double C(sp ³)â€“H Bond Functionalization Mediated by Sequential Hydride Shift/Cyclization Process: Diastereoselective Construction of Polyheterocycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 3744-3747.	13.7	126
35	Enantioselective Fluorination of β -Ketoesters Catalyzed by Chiral Sodium Phosphate: Remarkable Enhancement of Reactivity by Simultaneous Utilization of Metal Enolate and Metal Phosphate. <i>Chemistry Letters</i> , 2014, 43, 137-139.	1.3	23
36	Prediction of suitable catalyst by 1H NMR: asymmetric synthesis of multisubstituted biaryls by chiral phosphoric acid catalyzed asymmetric bromination. <i>Chemical Science</i> , 2013, 4, 4235.	7.4	45

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37	Hydrodefluorinations of trifluorotoluenes by LiAlH ₄ and TiCl ₄ . Journal of Fluorine Chemistry, 2013, 152, 81-83.	1.7	25
38	Enantioselective Transfer Hydrogenation of Difluoromethyl Ketimines Using Benzothiazoline as a Hydrogen Donor in Combination with a Chiral Phosphoric Acid. Asian Journal of Organic Chemistry, 2013, 2, 943-946.	2.7	22
39	Enantioselective Synthesis of Multisubstituted Biaryl Skeleton by Chiral Phosphoric Acid Catalyzed Desymmetrization/Kinetic Resolution Sequence. Journal of the American Chemical Society, 2013, 135, 3964-3970.	13.7	262
40	Concise Route to 3-Arylisoquinoline Skeleton by Lewis Acid Catalyzed C(sp ³)-H Bond Functionalization and Its Application to Formal Synthesis of (±)-Tetrahydropalmatine. Organic Letters, 2012, 14, 1436-1439.	4.6	77
41	Chiral Phosphoric Acid Catalyzed Enantioselective Transfer Deuteration of Ketimines by Use of Benzothiazoline As a Deuterium Donor: Synthesis of Optically Active Deuterated Amines. Organic Letters, 2012, 14, 3312-3315.	4.6	71
42	Kinetic Resolution in Chiral Phosphoric Acid Catalyzed Aldol Reactions: Enantioselective Robinson-Type Annulation Reactions. European Journal of Organic Chemistry, 2012, 2012, 4508-4514.	2.4	35
43	Chiral Phosphoric Acid Catalyzed Enantioselective Synthesis of β -Amino- α,α -difluoro Carbonyl Compounds. Organic Letters, 2011, 13, 1860-1863.	4.6	122
44	Selective Activation of Enantiotopic C(sp ³)-H Hydrogen by Means of Chiral Phosphoric Acid: Asymmetric Synthesis of Tetrahydroquinoline Derivatives. Journal of the American Chemical Society, 2011, 133, 6166-6169.	13.7	243
45	Expedient Construction of a Carbocyclic Skeleton via sp ³ -C-H Functionalization: Hydride Shift from an Aliphatic Tertiary Position in an Internal Redox Process. Journal of the American Chemical Society, 2011, 133, 2424-2426.	13.7	150
46	Rapid Access to 3-Aryltetralin Skeleton via C(sp ³)-H Bond Functionalization: Investigation on the Substituent Effect of Aromatic Ring Adjacent to C-H Bond in Hydride Shift/Cyclization Sequence. Chemistry Letters, 2011, 40, 1386-1388.	1.3	51
47	Chiral Phosphoric Acid Catalyzed Transfer Hydrogenation: Facile Synthetic Access to Highly Optically Active Trifluoromethylated Amines. Angewandte Chemie - International Edition, 2011, 50, 8180-8183.	13.8	143
48	Niobium-catalyzed Activation of CF ₃ Group on Alkene: Synthesis of Substituted Indenes. Chemistry Letters, 2010, 39, 867-869.	1.3	19
49	Enantioselective Friedel-Crafts Alkylation of Indoles, Pyrroles, and Furans with Trifluoropyruvate Catalyzed by Chiral Phosphoric Acid. Chemistry - an Asian Journal, 2010, 5, 470-472.	3.3	62
50	Expedient Synthesis of Benzopyrans via Lewis Acid-Catalyzed C-H Functionalization: Remarkable Enhancement of Reactivity by an <i>ortho</i> Substituent. Organic Letters, 2010, 12, 1732-1735.	4.6	128
51	Chiral Brønsted acid catalyzed asymmetric Friedel-Crafts alkylation reaction of indoles with α,β -unsaturated ketones: short access to optically active 2- and 3-substituted indole derivatives. Organic and Biomolecular Chemistry, 2010, 8, 5448.	2.8	69
52	Recent Advances in Cross-Coupling Reaction Catalyzed by Iron Salts. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2010, 68, 75-76.	0.1	4
53	Enantioselective Mannich-Type Reaction Catalyzed by a Chiral Phosphoric Acid Bearing an <i>S</i> -Biphenol Backbone. Synlett, 2009, 2009, 1664-1666.	1.8	27
54	Titelbild: Expedient Synthesis of N-Fused Indoles: A C-F Activation and C-H Insertion Approach (Angew. Chem. 43/2009). Angewandte Chemie, 2009, 121, 8083-8083.	2.0	0

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55	Enantioselective Robinson-Type Annulation Reaction Catalyzed by Chiral Phosphoric Acids. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4226-4228.	13.8	114
56	Stereochemical Relay via Axially Chiral Styrenes: Asymmetric Synthesis of the Antibiotic TAN-1085. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5633-5637.	13.8	86
57	Hydrogen-Bond Control in Axially Chiral Styrenes: Selective Synthesis of Enantiomerically Pure <i>C₂-Symmetric Paracyclophanes</i> . <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5638-5641.	13.8	71
58	Expedient Synthesis of N-Fused Indoles: A C-F Activation and C-H Insertion Approach. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8070-8073.	13.8	74
59	Cover Picture: Expedient Synthesis of N-Fused Indoles: A C-F Activation and C-H Insertion Approach (<i>Angew. Chem. Int. Ed.</i> 43/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7941-7941.	13.8	0
60	Chiral Phosphoric Acid Catalyzed Desymmetrization of <i>meso</i> -1,3-Diones: Asymmetric Synthesis of Chiral Cyclohexenones. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9652-9654.	13.8	112
61	Chiral Brønsted acid-catalyzed hydrophosphonylation of imines—DFT study on the effect of substituents of phosphoric acid. <i>Tetrahedron</i> , 2009, 65, 4950-4956.	1.9	69
62	Enantioselective Aza-Darzens Reaction Catalyzed by A Chiral Phosphoric Acid. <i>Organic Letters</i> , 2009, 11, 2445-2447.	4.6	132
63	Expedient Construction of Quinazolines via Brønsted Acid-induced C-H Activation: Further Extension of <i>tert</i> -Amino Effect. <i>Chemistry Letters</i> , 2009, 38, 524-525.	1.3	112
64	Dual Functionalization of Allene: Facile Construction of Heteropolycycles Mediated by Brønsted Acid. <i>Chemistry Letters</i> , 2009, 38, 628-629.	1.3	14
65	Synthesis and Stereochemical Assignment of Angucycline Antibiotic, PD-116740. <i>Chemistry Letters</i> , 2008, 37, 470-471.	1.3	19
66	Concise Total Synthesis and Structure Assignment of TAN-1085. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3167-3171.	13.8	78