Ryo Yazaki

List of Publications by Year
in descending order

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44	2,183	172457	233421
papers	citations	29 h-index	45 g-index

70	70	70	1754
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Catalytic Asymmetric Conjugate Addition of Terminal Alkynes to Î±,Î²-Unsaturated Thioamides. Journal of the American Chemical Society, 2010, 132, 10275-10277.	13.7	158
2	Direct Catalytic Asymmetric Addition of Allyl Cyanide to Ketones via Soft Lewis Acid/Hard BrÃ¸nsted Base/Hard Lewis Base Catalysis. Journal of the American Chemical Society, 2010, 132, 5522-5531.	13.7	128
3	Direct Catalytic Enantio- and Diastereoselective Aldol Reaction of Thioamides. Journal of the American Chemical Society, 2011, 133, 5554-5560.	13.7	120
4	Direct Catalytic Asymmetric Addition of Allylic Cyanides to Ketoimines. Journal of the American Chemical Society, 2008, 130, 14477-14479.	13.7	119
5	Direct Catalytic Asymmetric Aldol Reactions of Thioamides: Toward a Stereocontrolled Synthesis of 1,3-Polyols. Journal of the American Chemical Society, 2009, 131, 18244-18245.	13.7	109
6	Direct Catalytic Asymmetric Addition of Allyl Cyanide to Ketones. Journal of the American Chemical Society, 2009, 131, 3195-3197.	13.7	99
7	Direct Catalytic Chemoselective Î±-Amination of Acylpyrazoles: A Concise Route to Unnatural Î±-Amino Acid Derivatives. Journal of the American Chemical Society, 2016, 138, 2664-2669.	13.7	92
8	The Fluorenone Imines of Glycine Esters and Their Phosphonic Acid Analogues. Angewandte Chemie - International Edition, 2008, 47, 5613-5615.	13.8	85
9	Direct Catalytic Asymmetric Alkynylation of Ketoimines. Organic Letters, 2013, 15, 698-701.	4.6	73
10	Asymmetric Synthesis of Isothiazoles through Cu Catalysis: Direct Catalytic Asymmetric Conjugate Addition of Allyl Cyanide to Î±,Î²â€Unsaturated Thioamides. Angewandte Chemie - International Edition, 2011, 50, 7910-7914.	13.8	66
11	Direct Catalytic Asymmetric Mannichâ€Type Reaction of Thioamides. Angewandte Chemie - International Edition, 2009, 48, 5026-5029.	13.8	65
12	Amino Acid Schiff Base Bearing Benzophenone Imine As a Platform for Highly Congested Unnatural Î±-Amino Acid Synthesis. Journal of the American Chemical Society, 2020, 142, 8498-8505.	13.7	64
13	An Expeditious Route to transâ€Configured Tetrahydrothiophenes Enabled by Fe(OTf)₃â€Catalyzed [3+2] Cycloaddition of Donorâ€“Acceptor Cyclopropanes with Thionoesters. Chemistry - A European Journal, 2018, 24, 6062-6066.	3.3	63
14	A simplified catalytic system for direct catalytic asymmetric aldol reaction of thioamides; application to an enantioselective synthesis of atorvastatin. Tetrahedron, 2011, 67, 6539-6546.	1.9	56
15	Oxetanyl Peptides: Novel Peptidomimetic Modules for Medicinal Chemistry. Organic Letters, 2014, 16, 4070-4073.	4.6	55
16	Cooperative Activation of Alkyne and Thioamide Functionalities; Direct Catalytic Asymmetric Conjugate Addition of Terminal Alkynes to Î±,Î²â€Unsaturated Thioamides. Chemistry - an Asian Journal, 2011, 6, 1778-1790.	3.3	48
17	Chemoselective Catalytic Dehydrogenative Cross-Coupling of 2-Acylimidazoles: Mechanistic Investigations and Synthetic Scope. ACS Catalysis, 2018, 8, 8430-8440.	11.2	48
18	Enantioselective Synthesis of a GPR40 Agonist AMG 837 via Catalytic Asymmetric Conjugate Addition of Terminal Alkyne to Î±,Î²-Unsaturated Thioamide. Organic Letters, 2011, 13, 952-955.	4.6	46

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19	Chemoselective Catalytic Conjugate Addition of Alcohols over Amines. Angewandte Chemie - International Edition, 2014, 53, 1611-1615.	13.8	44
20	A highly stable but highly reactive zinc catalyst for transesterification supported by a bis(imidazole) ligand. Green Chemistry, 2016, 18, 1524-1530.	9.0	44
21	Recent strategic advances for the activation of benzylic Câ€“H bonds for the formation of Câ€“C bonds. Tetrahedron Letters, 2019, 60, 151225.	1.4	38
22	Strategy for Catalytic Chemoselective Cross-Enolate Coupling Reaction via a Transient Homocoupling Dimer. Organic Letters, 2018, 20, 3541-3544.	4.6	37
23	Chemoselective Catalytic Î±-Oxidation of Carboxylic Acids: Iron/Alkali Metal Cooperative Redox Active Catalysis. Journal of the American Chemical Society, 2020, 142, 4517-4524.	13.7	37
24	Concise Enantioselective Synthesis of Duloxetine via Direct Catalytic Asymmetric Aldol Reaction of Thioamide. Journal of Organic Chemistry, 2012, 77, 4496-4500.	3.2	36
25	Direct catalytic asymmetric aldol reaction of thioamides: a concise asymmetric synthesis of (R)-fluoxetine. Tetrahedron: Asymmetry, 2010, 21, 1688-1694.	1.8	35
26	Intermediate as Catalyst: Catalytic Asymmetric Conjugate Addition of Nitroalkanes to Î±,Î²-Unsaturated Thioamides. Organic Letters, 2012, 14, 110-113.	4.6	35
27	Î¼â€Oxoâ€Dinuclearâ€Iron(III)â€Catalyzed Oâ€Selective Acylation of Aliphatic and Aromatic Amino Alcohols and Transesterification of Tertiary Alcohols. Chemistry - A European Journal, 2016, 22, 12278-12281.	3.3	30
28	Chemo- and Regioselective Direct Functional Group Installation through Catalytic Hydroxy Group Selective Conjugate Addition of Amino Alcohols to Î±,Î²-Unsaturated Sulfonyl Compounds. Organic Letters, 2016, 18, 3350-3353.	4.6	30
29	Catalytic Aerobic Cross-Dehydrogenative Coupling of Azlactones en Route to Î±,Î±-Disubstituted Î±-Amino Acids. Organic Letters, 2020, 22, 4164-4170.	4.6	27
30	Direct Catalytic Asymmetric Intramolecular Conjugate Addition of Thioamide to Î±,Î²â€Unsaturated Esters. Chemistry - A European Journal, 2011, 17, 11998-12001.	3.3	26
31	Catalytic Aerobic Chemoselective Î±-Oxidation of Acylpyrazoles en Route to Î±-Hydroxy Acid Derivatives. Organic Letters, 2017, 19, 3187-3190.	4.6	26
32	Î±-Amino acid and peptide synthesis using catalytic cross-dehydrogenative coupling. , 2022, 1, 304-312.		23
33	Toward the Total Synthesis of Onchidin, a Cytotoxic Cyclic Depsipeptide from a Mollusc. Chemistry - an Asian Journal, 2007, 2, 135-144.	3.3	22
34	Transesterification Reactions Catalyzed by a Recyclable Heterogeneous Zinc/Imidazole Catalyst. Advanced Synthesis and Catalysis, 2016, 358, 2569-2574.	4.3	22
35	An air-stable chiral Hf-based catalyst for asymmetric Mannich-type reactions. Tetrahedron, 2007, 63, 8425-8429.	1.9	18
36	Chemoselective Transesterification of Acrylate Derivatives for Functionalized Monomer Synthesis Using a Hard Zinc Alkoxide Generation Strategy. European Journal of Organic Chemistry, 2016, 2016, 3696-3699.	2.4	13

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37	Catalytic Chemoselective Conjugate Addition of Amino Alcohols to Î±,Î²-Unsaturated Ester: Hydroxy Group over Amino Group and Conjugate Addition over Transesterification. Chemical and Pharmaceutical Bulletin, 2017, 65, 19-21.	1.3	12
38	Catalytic Dehydrogenative Î²-Alkylation of Amino Acid Schiff Bases with Hydrocarbon. Organic Letters, 2022, 24, 369-373.	4.6	7
39	Development of Catalytic Reactions for Precise Control of Chemoselectivity. Chemical and Pharmaceutical Bulletin, 2021, 69, 516-525.	1.3	5
40	Thionoesters as 1,2â€Dipolarophiles for [4+2] Cycloaddition with Cyclobutanones. Asian Journal of Organic Chemistry, 2019, 8, 1071-1074.	2.7	4
41	Growth Suppression of Human Colorectal Cancer Cells with Mutated KRAS by 3-Deaza-cytarabine in 3D Floating Culture. Anticancer Research, 2018, 38, 4247-4256.	1.1	3
42	Mechanistic Insight into Catalytic Aerobic Chemoselective Î±-Oxidation of Acylpyrazoles. Heterocycles, 2019, 99, 906.	0.7	1
43	Nucleophilic Amination Strategy for Catalytic Synthesis of Î±-Amino Carbonyl Compounds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 732-733.	0.1	0
44	Cross-Dehydrogenative Coupling of Carbonyls for Heterocycle Synthesis. , 2019, , 213-229.		0