

Ken Yamazaki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

438
citations

759233

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752698

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23
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23
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citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Reductive Functionalization of Tertiary Amides using Vaska's Complex: Synthesis of Complex Tertiary Amine Building Blocks and Natural Products. <i>ACS Catalysis</i> , 2020, 10, 8880-8897.	11.2	98
2	Nickel-catalyzed oxidative C-H/N-H annulation of <i>N</i> -heteroaromatic compounds with alkynes. <i>Chemical Science</i> , 2019, 10, 3242-3248.	7.4	55
3	Cobalt(II)-catalyzed chelation-assisted C-H iodination of aromatic amides with I_2 . <i>Chemical Communications</i> , 2018, 54, 1359-1362.	4.1	37
4	General Pyrrolidine Synthesis via Iridium-Catalyzed Reductive Azomethine Ylide Generation from Tertiary Amides and Lactams. <i>ACS Catalysis</i> , 2021, 11, 7489-7497.	11.2	27
5	Computational Mechanistic Study on the Nickel-Catalyzed C-H/N-H Oxidative Annulation of Aromatic Amides with Alkynes: The Role of the Nickel (0) Ate Complex. <i>Organometallics</i> , 2019, 38, 248-255.	2.3	25
6	Bifunctional Iminophosphorane-Catalyzed Enantioselective Sulfa-Michael Addition to Unactivated α,β -Unsaturated Amides. <i>Journal of the American Chemical Society</i> , 2022, 144, 1006-1015.	13.7	24
7	Switchable, Reagent-Controlled Diastereodivergent Photocatalytic Carbocyclisation of Imine-Derived α -Amino Radicals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24116-24123.	13.8	23
8	A bifunctional iminophosphorane squaramide catalyzed enantioselective synthesis of hydroquinazolines via intramolecular aza-Michael reaction to α,β -unsaturated esters. <i>Chemical Science</i> , 2021, 12, 6064-6072.	7.4	21
9	Iridium(III)-Catalyzed Branch-Selective C-H Alkenylation of Aniline Derivatives with Alkenes. <i>ACS Catalysis</i> , 2021, 11, 5463-5471.	11.2	20
10	Nickel-catalyzed reductive defunctionalization of esters in the absence of an external reductant: activation of C=O bonds. <i>Chemical Communications</i> , 2019, 55, 13610-13613.	4.1	16
11	Rhodium-Catalyzed Alkylation of C-H Bonds in Aromatic Amides with Non-activated Alkenes: The Possible Generation of Carbene Intermediates from Alkenes. <i>Chemistry - A European Journal</i> , 2019, 25, 6915-6919.	3.3	16
12	A New Organocatalytic Desymmetrization Reaction Enables the Enantioselective Total Synthesis of Madangamine E. <i>Journal of the American Chemical Society</i> , 2022, 144, 1407-1415.	13.7	15
13	Difluoroalkylation of Tertiary Amides and Lactams by an Iridium-Catalyzed Reductive Reformatsky Reaction. <i>Organic Letters</i> , 2022, 24, 2002-2007.	4.6	13
14	Dual catalytic enantioselective desymmetrization of allene-tethered cyclohexanones. <i>Chemical Science</i> , 2020, 11, 7444-7450.	7.4	11
15	A computational study of cobalt-catalyzed C-H iodination reactions using a bidentate directing group with molecular iodine. <i>Organic Chemistry Frontiers</i> , 2019, 6, 537-543.	4.5	10
16	Origin of the Enhanced Reactivity in the <i>ortho</i> -C-H Borylation of Benzaldehydes with BBr_3 . <i>Organic Letters</i> , 2022, 24, 213-217.	4.6	7
17	Switchable, Reagent-Controlled Diastereodivergent Photocatalytic Carbocyclisation of Imine-Derived α -Amino Radicals. <i>Angewandte Chemie</i> , 2021, 133, 24318.	2.0	6
18	Palladium-Catalyzed Site-Selective [5 + 1] Annulation of Aromatic Amides with Alkenes: Acceleration of β -Hydride Elimination by Maleic Anhydride from Palladacycle. <i>ACS Catalysis</i> , 2022, 12, 1595-1600.	11.2	5

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19	Mechanism and Origins of Regiochemical Control in Rh(III)-Catalyzed Oxidative C-H Alkenylation and Coupling Sequence of Unprotected 1-Naphthylamines with β,β -Unsaturated Esters. <i>Organometallics</i> , 2021, 40, 1371-1378.	2.3	4
20	An Unusual Perpendicular Metallacycle Intermediate is the Origin of Branch Selectivity in the Rh(II)-Catalyzed C-H Alkylation of Aryl Sulfonamides with Vinylsilanes. <i>Organometallics</i> , 0, , .	2.3	2
21	Double 1,2-Migration of Bromine and Silicon in Directed C-H Alkynylation Reactions with Silyl-Substituted Alkynyl Bromides through an Iridium Vinylidene Intermediate. <i>Organometallics</i> , 2022, 41, 20-28.	2.3	2