

Yusuke Ano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bidentate Directing Groups: An Efficient Tool in C–H Bond Functionalization Chemistry for the Expedient Construction of C–C Bonds. <i>Chemical Reviews</i> , 2020, 120, 1788-1887.	23.0	687
2	Palladium-Catalyzed Direct Ethynylation of C(sp ³)–H Bonds in Aliphatic Carboxylic Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2011, 133, 12984-12986.	6.6	366
3	Nickel-Catalyzed Chelation-Assisted Transformations Involving Ortho C–H Bond Activation: Regioselective Oxidative Cycloaddition of Aromatic Amides to Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 14952-14955.	6.6	363
4	Palladium-Catalyzed Direct Alkynylation of C–H Bonds in Benzenes. <i>Organic Letters</i> , 2009, 11, 3250-3252.	2.4	227
5	Palladium-Catalyzed Direct <i>ortho</i> -Alkynylation of Aromatic Carboxylic Acid Derivatives. <i>Organic Letters</i> , 2012, 14, 354-357.	2.4	154
6	Nickel-catalyzed C–H/N–H annulation of aromatic amides with alkynes in the absence of a specific chelation system. <i>Chemical Science</i> , 2017, 8, 6650-6655.	3.7	64
7	Palladium Nanoparticle-Catalyzed Direct Ethynylation of Aliphatic Carboxylic Acid Derivatives <i>via</i> C(sp ³)–H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1631-1637.	2.1	55
8	Nickel-catalyzed oxidative C–H/N–H annulation of <i>N</i> -heteroaromatic compounds with alkynes. <i>Chemical Science</i> , 2019, 10, 3242-3248.	3.7	55
9	Ruthenium-Catalyzed Direct <i>ortho</i> -Alkynylation of Arenes with Chelation Assistance. <i>Synlett</i> , 2012, 23, 2763-2767.	1.0	40
10	The Pd-catalyzed C–H alkylation of <i>ortho</i> -methyl-substituted aromatic amides with maleimide occurs preferentially at the <i>ortho</i> -methyl C–H bond over the <i>ortho</i> -C–H bond. <i>Chemical Communications</i> , 2019, 55, 9983-9986.	2.2	34
11	Catalytic Enantioselective Synthesis of Planar-Chiral Cyclic Amides Based on a Pd-Catalyzed Asymmetric Allylic Substitution Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 7294-7297.	6.6	26
12	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.	1.1	25
13	Iridium(III)-Catalyzed Branch-Selective C–H Alkenylation of Aniline Derivatives with Alkenes. <i>ACS Catalysis</i> , 2021, 11, 5463-5471.	5.5	20
14	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.	2.2	16
15	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.	1.7	16
16	Nickel-Catalyzed Benzoylation of C–H Bonds in Aromatic Amides with Benzyltrimethylammonium Halides. <i>Israel Journal of Chemistry</i> , 2017, 57, 964-967.	1.0	11
17	Palladium-catalyzed 1,1-alkynylbromination of alkenes with alkynyl bromides. <i>Chemical Science</i> , 2021, 12, 12326-12332.	3.7	11
18	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.	2.3	10

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19	Preparation of Enantioenriched Chiral Organic Molecules by Dynamic Asymmetric Induction from a Outer Chiral Source. <i>Chemistry Letters</i> , 2019, 48, 726-729.	0.7	9
20	Origin of the Enhanced Reactivity in the <i>ortho</i> -C ^α H Borylation of Benzaldehydes with BBr ₃ . <i>Organic Letters</i> , 2022, 24, 213-217.	2.4	7
21	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.	5.5	5
22	Preparation of enantioenriched helical- and axial-chiral molecules by dynamic asymmetric induction. <i>Chemical Communications</i> , 2022, 58, 1605-1608.	2.2	5
23	Reaction Path Determination of Rhodium(I)-Catalyzed C ^α H Alkylation of <i>N</i> -8-Aminoquinolinyl Aromatic Amides with Maleimides. <i>Journal of Organic Chemistry</i> , 2022, 87, 737-743.	1.7	5
24	Fluoride anion-initiated bis-trifluoromethylation of phenyl aromatic carboxylates with (trifluoromethyl)trimethylsilane. <i>Chemical Communications</i> , 2020, 56, 11661-11664.	2.2	4
25	Mechanism and Origins of Regiochemical Control in Rh(III)-Catalyzed Oxidative C ^α H Alkenylation and Coupling Sequence of Unprotected 1-Naphthylamines with β,β -Unsaturated Esters. <i>Organometallics</i> , 2021, 40, 1371-1378.	1.1	4
26	Palladium-catalyzed synthesis of nitriles from <i>N</i> -phthaloyl hydrazones. <i>Chemical Communications</i> , 2022, 58, 3799-3802.	2.2	4
27	An Unusual Perpendicular Metallacycle Intermediate is the Origin of Branch Selectivity in the Rh(II)-Catalyzed C ^α H Alkylation of Aryl Sulfonamides with Vinylsilanes. <i>Organometallics</i> , 0, , .	1.1	2
28	Double 1,2-Migration of Bromine and Silicon in Directed C ^α H Alkynylation Reactions with Silyl-Substituted Alkynyl Bromides through an Iridium Vinylidene Intermediate. <i>Organometallics</i> , 2022, 41, 20-28.	1.1	2
29	Dynamic Kinetic Asymmetric Transformations of Axially Chiral Biaryls with Transition-metal Catalysts. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015, 73, 923-924.	0.0	0