

Yusuke Ano

List of Publications by Citations

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25
papers

1,701
citations

13
h-index

30
g-index

30
ext. papers

2,011
ext. citations

8.8
avg, IF

5.64
L-index

#	Paper	IF	Citations
25	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	68.1	406
24	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, 12984-6	16.4	335
23	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, 14952-5	16.4	330
22	Palladium-catalyzed direct alkynylation of C-H bonds in benzenes. <i>Organic Letters</i> , 2009 , 11, 3250-2	6.2	206
21	Palladium-catalyzed direct ortho-alkynylation of aromatic carboxylic acid derivatives. <i>Organic Letters</i> , 2012 , 14, 354-7	6.2	142
20	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	9.4	51
19	Palladium Nanoparticle-Catalyzed Direct Ethynylation of Aliphatic Carboxylic Acid Derivatives via C(sp ³)-H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1631-1637	5.6	46
18	Ruthenium-Catalyzed Direct ortho-Alkynylation of Arenes with Chelation Assistance. <i>Synlett</i> , 2012 , 23, 2763-2767	2.2	35
17	Nickel-catalyzed oxidative C-H/N-H annulation of β -heteroaromatic compounds with alkynes. <i>Chemical Science</i> , 2019 , 10, 3242-3248	9.4	35
16	The Pd-catalyzed C-H alkylation of ortho-methyl-substituted aromatic amides with maleimide occurs preferentially at the ortho-methyl C-H bond over the ortho-C-H bond. <i>Chemical Communications</i> , 2019 , 55, 9983-9986	5.8	19
15	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	2.8	19
14	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, 7294-7	16.4	18
13	Rhodium-Catalyzed Alkylation of C-H Bonds in Aromatic Amides with Non-activated 1-Alkenes: The Possible Generation of Carbene Intermediates from Alkenes. <i>Chemistry - A European Journal</i> , 2019 , 25, 6915-6919	4.8	13
12	Nickel-Catalyzed Benzoylation of C _H Bonds in Aromatic Amides with Benzyltrimethylammonium Halides. <i>Israel Journal of Chemistry</i> , 2017 , 57, 964-967	3.4	10
11	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	5.8	8
10	Iridium(III)-Catalyzed Branch-Selective C _H Alkenylation of Aniline Derivatives with Alkenes. <i>ACS Catalysis</i> , 2021 , 11, 5463-5471	13.1	7
9	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	5.2	6

8	Preparation of Enantioenriched Chiral Organic Molecules by Dynamic Asymmetric Induction from a Outer Chiral Source. <i>Chemistry Letters</i> , 2019 , 48, 726-729	1.7	3
7	Fluoride anion-initiated bis-trifluoromethylation of phenyl aromatic carboxylates with (trifluoromethyl)trimethylsilane. <i>Chemical Communications</i> , 2020 , 56, 11661-11664	5.8	3
6	ortho-Directed C-H Alkylation of Substituted Benzenes 2019 , 621-670		1
5	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	13.1	1
4	Mechanism and Origins of Regiochemical Control in Rh(III)-Catalyzed Oxidative C-H Alkenylation and Coupling Sequence of Unprotected 1-Naphthylamines with β -Unsaturated Esters. <i>Organometallics</i> , 2021 , 40, 1371-1378	3.8	1
3	Palladium-catalyzed 1,1-alkynylbromination of alkenes with alkynyl bromides. <i>Chemical Science</i> , 2021 , 12, 12326-12332	9.4	1
2	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	3.8	1
1	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	0.2	