Takeru Torigoe

List of Publications by Year
in descending order

21	494	687363 13	752698 20
papers	citations	h-index	g-index

23	23	23	402
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control of Site-Selectivity in Hydrogen Atom Transfer by Electrostatic Interaction: Proximal-Selective C(sp³)â€“H Alkylation of 2-Methylanilinium Salts Using a Decatungstate Photocatalyst. ACS Catalysis, 2022, 12, 3058-3062.	11.2	14
2	Iridiumâ€Catalyzed C(sp³)â^'H Borylation Using Silylâ€Bipyridine Pincer Ligands. Angewandte Chemie - International Edition, 2022, 61, .	13.8	14
3	Urea-accelerated Iridium-catalyzed 2-Position-selective Câ€“H Borylation of Indole Derivatives. Chemistry Letters, 2021, 50, 808-811.	1.3	2
4	Manganese/bipyridine-catalyzed non-directed C(sp³)â€“H bromination using NBS and TMSN₃. Beilstein Journal of Organic Chemistry, 2021, 17, 885-890.	2.2	6
5	Regioselective Câ€“H Trifluoromethylation of Aromatic Compounds by Inclusion in Cyclodextrins. Organic Letters, 2021, 23, 4327-4331.	4.6	12
6	Intramolecular Addition of a Dimethylamino C(sp3)â€“H Bond across Câ€“C Triple Bonds Using IrCl(DTBM-SEGPHOS)(ethylene) Catalyst: Synthesis of Indoles from 2-Alkynyl-N-methylanilines. Synthesis, 2021, 53, 3057-3064.	2.3	7
7	Recent progress of transition metal-catalysed regioselective Câ€“H transformations based on noncovalent interactions. Organic and Biomolecular Chemistry, 2020, 18, 4126-4134.	2.8	39
8	Copper-Catalyzed Tertiary Alkylative Cyanation for the Synthesis of Cyanated Peptide Building Blocks. Journal of the American Chemical Society, 2020, 142, 1692-1697.	13.7	19
9	Iridium-Catalyzed ortho-Câ€“H Borylation of Thioanisole Derivatives Using Bipyridine-Type Ligand. Organic Letters, 2020, 22, 3485-3489.	4.6	17
10	Iridiumâ€Catalyzed C(sp³)â^'H Addition of Methyl Ethers across Intramolecular Carbonâ€“Carbon Double Bonds Giving 2,3â€Dihydrobenzofurans. Advanced Synthesis and Catalysis, 2019, 361, 4448-4453.	4.3	15
11	2-Position-Selective Trifluoromethylthiolation of Six-Membered Heteroaromatic Compounds. Organic Letters, 2019, 21, 4289-4292.	4.6	21
12	Hydrogen-Bond-Controlled Formal Meta-Selective Câ€“H Transformations and Regioselective Synthesis of Multisubstituted Aromatic Compounds. Organic Letters, 2019, 21, 1342-1346.	4.6	25
13	Utilization of a Trimethylsilyl Group as a Synthetic Equivalent of a Hydroxyl Group via Chemoselective C(sp³)â€“H Borylation at the Methyl Group on Silicon. Journal of Organic Chemistry, 2017, 82, 2943-2956.	3.2	28
14	Asymmetric Cycloisomerization of oâ€Alkenylâ€Nâ€Methylanilines to Indolines by Iridiumâ€Catalyzed C(sp³)â^'H Addition to Carbonâ€“Carbon Double Bonds. Angewandte Chemie, 2017, 129, 14460-14464.	2.0	9
15	Asymmetric Cycloisomerization of oâ€Alkenylâ€Nâ€Methylanilines to Indolines by Iridiumâ€Catalyzed C(sp³)â^'H Addition to Carbonâ€“Carbon Double Bonds. Angewandte Chemie - International Edition, 2017, 56, 14272-14276.	13.8	41
16	Iridiumâ€Catalyzed Intramolecular Methoxy Câ^'H Addition to Carbonâ€“Carbon Triple Bonds: Direct Synthesis of 3â€Substituted Benzofurans from oâ€Methoxyphenylalkynes. Chemistry - A European Journal, 2016, 22, 10415-10419.	3.3	27
17	A (Borylmethyl)silane Bearing Three Hydrolyzable Groups on Silicon: Synthesis via Iridium-Catalyzed C(sp³)â€“H Borylation and Conversion to Functionalized Siloxanes. Organometallics, 2016, 35, 1601-1603.	2.3	17
18	Iridium-catalysed borylation of sterically hindered C(sp³)â€“H bonds: remarkable rate acceleration by a catalytic amount of potassium tert-butoxide. Chemical Communications, 2014, 50, 6333-6336.	4.1	42

#	Article	IF	Citations
19	Functionalization of Tetraorganosilanes and Permethyloligosilanes at a Methyl Group on Silicon via Iridium-Catalyzed C(sp³)â€“H Borylation. Organometallics, 2013, 32, 6170-6173.	2.3	47
20	Catalytic Functionalization of Methyl Group on Silicon: Iridium-Catalyzed C(sp³)â€“H Borylation of Methylchlorosilanes. Journal of the American Chemical Society, 2012, 134, 17416-17419.	13.7	90
21	Iridiumâ€Catalyzed C(sp ³)â˜H Borylation Using Silylâ€Bipyridine Pincer Ligands. Angewandte Chemie, 0, , .	2.0	1