

Masayuki Wasa

List of Publications by Year in descending order

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38
papers

9,125
citations

136740

32
h-index

315357

38
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40
all docs

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docs citations

40
times ranked

5512
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Organocopper-Catalyzed Hetero Diels-Alder Reaction through <i>in Situ</i> Oxidation of Ethers into Enol Ethers. <i>Journal of the American Chemical Society</i> , 2022, 144, 6173-6179.	6.6	8
2	Enantioselective Synthesis of <i>N</i> -Alkylamines through α -Amino C-H Functionalization Promoted by Cooperative Actions of $B(C_6F_5)_3$ and a Chiral Lewis Acid Co-Catalyst. <i>Journal of the American Chemical Society</i> , 2021, 143, 2441-2455.	6.6	43
3	Enantioselective Cooperative Catalysis within Frustrated Lewis Pair Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 1065-1072.	0.0	2
4	$B(C_6F_5)_3$ -Catalyzed α -Deuteration of Bioactive Carbonyl Compounds with D_2O . <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 360-364.	2.1	24
5	Direct Conversion of <i>N</i> -Alkylamines to <i>N</i> -Propargylamines through C-H Activation Promoted by Lewis Acid/Organocopper Catalysis: Application to Late-Stage Functionalization of Bioactive Molecules. <i>Journal of the American Chemical Society</i> , 2020, 142, 16493-16505.	6.6	45
6	Sequential Conia-ene-type cyclization and Negishi coupling by cooperative functions of $B(C_6F_5)_3$, $ZnCl_2$, $Pd(PPh_3)_4$ and an amine. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7090-7093.	1.5	3
7	Enantioselective Synthesis of α -Allyl Amino Esters via Hydrogen-Bond-Donor Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 11414-11419.	6.6	47
8	Catalytic Deuterium Incorporation within Metabolically Stable α -Amino C-H Bonds of Drug Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 14570-14575.	6.6	87
9	$B(C_6F_5)_3$ -Catalyzed C-H Alkylation of <i>N</i> -Alkylamines Using Silicon Enolates without External Oxidant. <i>Organic Letters</i> , 2019, 21, 984-988.	2.4	41
10	Enantioselective Conia-Ene-Type Cyclizations of Alkynyl Ketones through Cooperative Action of $B(C_6F_5)_3$, <i>N</i> -Alkylamine and a Zn-Based Catalyst. <i>Journal of the American Chemical Society</i> , 2019, 141, 4199-4203.	6.6	75
11	C-H Functionalization of Amines via Alkene-Derived Nucleophiles through Cooperative Action of Chiral and Achiral Lewis Acid Catalysts: Applications in Enantioselective Synthesis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10593-10601.	6.6	98
12	Palladium-Catalyzed Transformations of Alkyl C-H Bonds. <i>Chemical Reviews</i> , 2017, 117, 8754-8786.	23.0	1,660
13	Frustrated Lewis Acid/Brønsted Base Catalysts for Direct Enantioselective α -Amination of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2017, 139, 95-98.	6.6	96
14	Enantioselective Direct Mannich-Type Reactions Catalyzed by Frustrated Lewis Acid/Brønsted Base Complexes. <i>Angewandte Chemie</i> , 2017, 129, 13523-13526.	1.6	18
15	Enantioselective Direct Mannich-Type Reactions Catalyzed by Frustrated Lewis Acid/Brønsted Base Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13338-13341.	7.2	63
16	Direct Mannich-Type Reactions Promoted by Frustrated Lewis Acid/Brønsted Base Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13877-13881.	7.2	59
17	Direct Mannich-Type Reactions Promoted by Frustrated Lewis Acid/Brønsted Base Catalysts. <i>Angewandte Chemie</i> , 2016, 128, 14081-14085.	1.6	16
18	Enantioselective synthesis of tertiary α -chloro esters by non-covalent catalysis. <i>Tetrahedron Letters</i> , 2015, 56, 3428-3430.	0.7	40

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19	Palladium(II)-Catalyzed Enantioselective C(sp ³)â€“H Activation Using a Chiral Hydroxamic Acid Ligand. <i>Journal of the American Chemical Society</i> , 2014, 136, 8138-8142.	6.6	231
20	Ligand-enabled cross-coupling of C(sp ³)â€“H bonds with arylboron reagents via Pd(II)/Pd(0) catalysis. <i>Nature Chemistry</i> , 2014, 6, 146-150.	6.6	212
21	Asymmetric Mannich Synthesis of Î±-Amino Esters by Anion-Binding Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 12872-12875.	6.6	62
22	Understanding the Reactivity of Pd⁰/PR₃-Catalyzed Intermolecular C(sp³)â€“H Bond Arylation. <i>Journal of the American Chemical Society</i> , 2013, 135, 14206-14214.	6.6	77
23	Palladium(0)-Catalyzed Alkynylation of C(sp³)â€“H Bonds. <i>Journal of the American Chemical Society</i> , 2013, 135, 3387-3390.	6.6	191
24	Asymmetric C-H Bond Functionalization. , 2013, , 267-272.		0
25	Ligand-Enabled Methylene C(sp³)â€“H Bond Activation with a Pd(II) Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 18570-18572.	6.6	230
26	Weak Coordination as a Powerful Means for Developing Broadly Useful Câ€“H Functionalization Reactions. <i>Accounts of Chemical Research</i> , 2012, 45, 788-802.	7.6	2,513
27	Pd(II)-Catalyzed Ortho Trifluoromethylation of Arenes and Insights into the Coordination Mode of Acidic Amide Directing Groups. <i>Journal of the American Chemical Society</i> , 2012, 134, 11948-11951.	6.6	285
28	Pd(II)-catalyzed Cross-coupling of C(sp ²)â€“H Bonds and Alkylâ€“, Arylâ€“, and Vinylâ€“Boron Reagents via Pd(II)/Pd(0) Catalysis. <i>Chemistry Letters</i> , 2011, 40, 1004-1006.	0.7	43
29	Pd(II)-Catalyzed Enantioselective Câ€“H Activation of Cyclopropanes. <i>Journal of the American Chemical Society</i> , 2011, 133, 19598-19601.	6.6	370
30	Crossâ€“Coupling of C(sp³)â€“H Bonds with Organometallic Reagents via Pd(II)/Pd(0) Catalysis. <i>Israel Journal of Chemistry</i> , 2010, 50, 605-616.	1.0	141
31	Pd⁰/PR₃â€“Catalyzed Arylation of Nicotinic and Isonicotinic Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1275-1277.	7.2	224
32	Amide-directed arylation of sp ³ Câ€“H bonds using Pd(II) and Pd(0) catalysts. <i>Tetrahedron</i> , 2010, 66, 4811-4815.	1.0	51
33	Pd(II)-Catalyzed Carbonylation of C(sp³)â€“H Bonds: A New Entry to 1,4-Dicarbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2010, 132, 17378-17380.	6.6	267
34	Pd(II)-Catalyzed Olefination of <i>sp</i>³ Câ€“H Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 3680-3681.	6.6	356
35	Pd(0)/PR₃-Catalyzed Intermolecular Arylation of sp³ Câ€“H Bonds. <i>Journal of the American Chemical Society</i> , 2009, 131, 9886-9887.	6.6	300
36	Synthesis of Î²-, Î³-, and Î´-Lactams via Pd(II)-Catalyzed Câ€“H Activation Reactions. <i>Journal of the American Chemical Society</i> , 2008, 130, 14058-14059.	6.6	472

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37	Pd(II)-Catalyzed Cross-Coupling of sp^3 C-H Bonds with sp^2 and sp^3 Boronic Acids Using Air as the Oxidant. <i>Journal of the American Chemical Society</i> , 2008, 130, 7190-7191.	6.6	461
38	Converting gem-Dimethyl Groups into Cyclopropanes via Pd-Catalyzed Sequential C-H Activation and Radical Cyclization. <i>Organic Letters</i> , 2006, 8, 5685-5688.	2.4	66