

Wenjun Lu

List of Publications by Year in descending order

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papers

2,893
citations

361413

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times ranked

2361
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Activation of Aromatic C-H Bonds for Addition to C-C Multiple Bonds. <i>Science</i> , 2000, 287, 1992-1995.	12.6	797
2	Novel Pd(II)- and Pt(II)-Catalyzed Regio- and Stereoselective <i>trans</i> -Hydroarylation of Alkynes by Simple Arenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 7252-7263.	13.7	328
3	Highly Efficient Pd-Catalyzed Coupling of Arenes with Olefins in the Presence of <i>tert</i> -Butyl Hydroperoxide as Oxidant. <i>Organic Letters</i> , 1999, 1, 2097-2100.	4.6	260
4	Intermolecular Cross-Coupling of Simple Arenes via C-H Activation by Tuning Concentrations of Arenes and TFA. <i>Organometallics</i> , 2006, 25, 5973-5975.	2.3	227
5	Towards Ideal Synthesis: Alkenylation of Aryl C-H Bonds by a Fujiwara-Moritani Reaction. <i>Chemistry - A European Journal</i> , 2014, 20, 634-642.	3.3	219
6	FeCl ₃ -Catalyzed Alkenylation of Simple Arenes with Aryl-Substituted Alkynes. <i>Organic Letters</i> , 2007, 9, 2219-2222.	4.6	139
7	Pd-Catalyzed Selective Addition of Heteroaromatic C-H Bonds to C Triple Bonds under Mild Conditions. <i>Organic Letters</i> , 2000, 2, 2927-2930.	4.6	125
8	Palladium(II)-catalyzed carboxylation of benzene and other aromatic compounds with carbon monoxide under very mild conditions. <i>Journal of Organometallic Chemistry</i> , 1999, 580, 290-294.	1.8	98
9	Palladium(II)-Catalyzed Coupling of <i>p</i> -Xylene via Regioselective C-H Activation in TFA. <i>Organometallics</i> , 2007, 26, 4376-4378.	2.3	90
10	Palladium(II)-Catalyzed Coupling of Electron-Deficient Arenes via C-H Activation. <i>Organometallics</i> , 2012, 31, 2124-2127.	2.3	71
11	Phosphine-Free Palladium(II)-Catalyzed Arylation of Naphthalene and Benzene with Aryl Iodides. <i>Journal of Organic Chemistry</i> , 2008, 73, 7424-7427.	3.2	67
12	Palladium-Catalyzed \hat{I}^2 -Acyloxylation of Simple Amide <i>via</i> C-H Activation. <i>Organic Letters</i> , 2014, 16, 508-511.	4.6	62
13	Hydroarylation of Alkynes via Aryl C-H Bond Cleavage. <i>Current Organic Chemistry</i> , 2010, 14, 289-307.	1.6	57
14	Visible Light-Induced Oxidative Chlorination of Alkyl C-H Bonds with NaCl/Oxone at Room Temperature. <i>Organic Letters</i> , 2017, 19, 4560-4563.	4.6	56
15	One-Pot Preparation of Arylalkynes by a Tandem Catalytic Iodination of Arenes and Palladium-Catalyzed Coupling of Iodoarenes with Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2006, 71, 4349-4352.	3.2	54
16	Preparation of Unsymmetrical Biaryls by Pd(II)-Catalyzed Cross-Coupling of Aryl Iodides. <i>Organic Letters</i> , 2009, 11, 1079-1082.	4.6	38
17	Palladium-Catalyzed \hat{I}^2 -Mesylation of Simple Amide <i>via</i> Primary C-H Activation. <i>Organic Letters</i> , 2017, 19, 1768-1771.	4.6	30
18	Catalytic Bromination of Alkyl C-H Bonds with KBr/Air under Visible Light. <i>Organic Letters</i> , 2018, 20, 5264-5267.	4.6	30

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19	Direct Synthesis of β -Alkenylpyrroles by Pd(II)-Catalyzed Addition of Pyrroles to Alkynoates. <i>Chemistry Letters</i> , 2002, 31, 20-21.	1.3	29
20	Palladium(II)-Catalyzed Oxidative Homo- and Cross-Coupling of Aryl <i>ortho</i> - sp^2 C-H Bonds of Anilides at Room Temperature. <i>Journal of Organic Chemistry</i> , 2018, 83, 4812-4823.	3.2	27
21	Transition-Metal- and Halogen-Free Oxidation of Benzylic sp^3 C-H Bonds to Carbonyl Groups Using Potassium Persulfate. <i>Synthesis</i> , 2017, 49, 4007-4016.	2.3	15
22	Visible-Light-Driven Oxidative Mono- and Dibromination of Benzylic sp^3 C-H Bonds with Potassium Bromide/Oxone at Room Temperature. <i>Synthesis</i> , 2018, 50, 4933-4939.	2.3	14
23	Palladium-Catalyzed β -Arylation of Amide via Primary sp^3 C-H Activation. <i>Organometallics</i> , 2018, 37, 2188-2192.	2.3	13
24	Visible-Light-Driven Oxidation of N-Alkylamides to Imides Using Oxone/H ₂ O and Catalytic KBr. <i>Synthesis</i> , 2018, 50, 2999-3005.	2.3	12
25	Equivalent Loading of Directed Arenes in Pd(II)-Catalyzed Oxidative Cross-Coupling of Aryl C-H Bonds at Room Temperature. <i>Journal of Organic Chemistry</i> , 2021, 86, 2714-2733.	3.2	7
26	Alkanes Functionalization & via C-H Activation. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2019, 35, 977-988.	4.9	4
27	Selective Functionalization of Normal Alkyl C-H Bonds Using Amides as Directing Groups. <i>Acta Chimica Sinica</i> , 2015, 73, 1250.	1.4	4