

Liangbin Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2131797/publications.pdf>

Version: 2024-02-01

51
papers

4,108
citations

147786

31
h-index

161844

54
g-index

56
all docs

56
docs citations

56
times ranked

4035
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Transition Metal-Catalyzed Hydroamination and Hydroamidation. <i>Chemical Reviews</i> , 2015, 115, 2596-2697.	47.7	881
2	Copper-Catalyzed Coupling of Oxime Acetates with Sodium Sulfinates: An Efficient Synthesis of Sulfone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4205-4208.	13.8	277
3	One-Pot Silver-Catalyzed and PIDA-Mediated Sequential Reactions: Synthesis of Polysubstituted Pyrroles Directly from Alkynoates and Amines. <i>Organic Letters</i> , 2010, 12, 312-315.	4.6	168
4	Copper-catalyzed sulfonamides formation from sodium sulfinates and amines. <i>Chemical Communications</i> , 2013, 49, 6102.	4.1	152
5	LiCl-Accelerated Multimetallic Cross-Coupling of Aryl Chlorides with Aryl Triflates. <i>Journal of the American Chemical Society</i> , 2019, 141, 10978-10983.	13.7	147
6	Regioselective C-H Hydroarylation of Internal Alkynes with Arenecarboxylates: Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6933-6937.	13.8	136
7	Copper-Catalyzed Intermolecular Oxidative [3 + 2] Cycloaddition between Alkenes and Anhydrides: A New Synthetic Approach to β -Lactones. <i>Journal of the American Chemical Society</i> , 2010, 132, 17652-17654.	13.7	130
8	Reductive Decarboxylative Alkynylation of N-Hydroxyphthalimide Esters with Bromoalkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11901-11905.	13.8	116
9	Copper-catalyzed aerobic oxidation and cleavage/formation of C-S bond: a novel synthesis of aryl methyl sulfones from aryl halides and DMSO. <i>Chemical Communications</i> , 2012, 48, 7513.	4.1	110
10	Iridium-Catalyzed ortho-Arylation of Benzoic Acids with Arenediazonium Salts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12607-12611.	13.8	110
11	Copper-catalyzed oxidative [2 + 2 + 1] cycloaddition: regioselective synthesis of 1,3-oxazoles from internal alkynes and nitriles. <i>Chemical Science</i> , 2012, 3, 3463.	7.4	109
12	Palladium-Catalyzed Cascade Annulation To Construct Functionalized β - and γ -Lactones in Ionic Liquids. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7219-7222.	13.8	103
13	Copper-Catalyzed Formal C-N Bond Cleavage of Aromatic Methylamines: Assembly of Pyridine Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 3774-3782.	3.2	102
14	Rh(III)-catalyzed ortho-oxidative alkylation of unactivated arenes with allylic alcohols. <i>Chemical Science</i> , 2013, 4, 2665.	7.4	98
15	Switch of Selectivity in the Synthesis of β -Methylene- γ -Lactones: Palladium-Catalyzed Intermolecular Carboesterification of Alkenes with Alkynes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5696-5700.	13.8	89
16	Crystalline and Stable Benzofuran-Linked Covalent Organic Frameworks from Irreversible Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 13316-13321.	13.7	85
17	Ruthenium-Catalyzed C-H Arylation of Diverse Aryl Carboxylic Acids with Aryl and Heteroaryl Halides. <i>Organic Letters</i> , 2016, 18, 5432-5435.	4.6	82
18	Sulfonate Versus Sulfonate: Nickel and Palladium Multimetallic Cross-Electrophile Coupling of Aryl Triflates with Aryl Tosylates. <i>Journal of the American Chemical Society</i> , 2020, 142, 10634-10640.	13.7	75

#	ARTICLE	IF	CITATIONS
19	Palladium-Catalyzed Oxidative Annulation of Acrylic Acid and Amide with Alkynes: A Practical Route to Synthesize β -Pyrone and Pyridone. <i>Organic Letters</i> , 2014, 16, 2146-2149.	4.6	64
20	Carbon Dioxide Triggered and Copper-Catalyzed Domino Reaction: Efficient Construction of Highly Substituted 3(2-H)-Furanones from Nitriles and Propargylic Alcohols. <i>Organic Letters</i> , 2011, 13, 5520-5523.	4.6	60
21	Palladium-Catalyzed Intermolecular Aerobic Annulation of <i>o</i> -Alkenylanilines and Alkynes for Quinoline Synthesis. <i>Organic Letters</i> , 2016, 18, 3514-3517.	4.6	60
22	Highly Selective β -Hydride Elimination in Pd-Catalyzed Decarboxylative Heck-Type Reaction. <i>Organic Letters</i> , 2013, 15, 2330-2333.	4.6	58
23	Nucleopalladation Triggering the Oxidative Heck Reaction: A General Strategy to Diverse β -Indole Ketones. <i>Organic Letters</i> , 2013, 15, 5940-5943.	4.6	54
24	Pd(II)-Catalyzed Sequential C-C/O Bond Formations: A New Strategy to Construct Trisubstituted Furans. <i>Organic Letters</i> , 2013, 15, 1838-1841.	4.6	54
25	Palladium-Catalyzed Sequential C-N/C=O Bond Formations: Synthesis of Oxazole Derivatives from Amides and Ketones. <i>Organic Letters</i> , 2014, 16, 5906-5909.	4.6	52
26	Ruthenium- and rhodium-catalyzed oxidative alkylation of C-H bonds: efficient access to β -aryl ketones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8009.	2.8	45
27	Highly Chemoselective Palladium-Catalyzed Cross-Trimerization between Alkyne and Alkenes Leading to 1,3,5-Trienes or 1,2,4,5-Tetrasubstituted Benzenes with Dioxigen. <i>Journal of Organic Chemistry</i> , 2010, 75, 8279-8282.	3.2	44
28	Synthesis of β -Bromo β -Unsaturated Carbonyl Compounds via Palladium-Catalyzed Bromoalkylation of Alkynoates. <i>Journal of Organic Chemistry</i> , 2012, 77, 2029-2034.	3.2	42
29	Aerobic Oxidative Coupling between Carbon Nucleophiles and Allylic Alcohols: A Strategy to Construct β -(Hetero)Aryl Ketones and Aldehydes through Hydrogen Migration. <i>Chemistry - A European Journal</i> , 2013, 19, 15462-15466.	3.3	35
30	Reductive Decarboxylative Alkynylation of <i>N</i> -Hydroxyphthalimide Esters with Bromoalkynes. <i>Angewandte Chemie</i> , 2017, 129, 12063-12067.	2.0	34
31	Synthesis of Polysubstituted Pyrroles via Pd-Catalyzed Oxidative Alkene C-H Bond Arylation and Amination. <i>Journal of Organic Chemistry</i> , 2015, 80, 1235-1242.	3.2	33
32	Highly regio- and stereoselective synthesis of 1,3-enynes from unactivated ethylenes via palladium-catalyzed cross-coupling. <i>Tetrahedron Letters</i> , 2011, 52, 5736-5739.	1.4	30
33	Electrochemical Synthesis, Deposition, and Doping of Polycyclic Aromatic Hydrocarbon Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 2682-2687.	13.7	30
34	Access to C(sp ³)-C(sp ²) and C(sp ²)-C(sp ²) Bond Formation via Sequential Intermolecular Carbopalladation of Multiple Carbon-Carbon Bonds. <i>Journal of Organic Chemistry</i> , 2012, 77, 5418-5422.	3.2	26
35	Highly efficient and practical synthesis of functionalized 1,5-dienes via Pd(ii)-catalyzed halohomoallylation of alkynes. <i>RSC Advances</i> , 2013, 3, 11529.	3.6	26
36	Nucleopalladation-Initiated Oxyalkenylation of Alkenes: A Strategy To Construct Functionalized Oxygenated Heterocycles. <i>Journal of Organic Chemistry</i> , 2014, 79, 7734-7739.	3.2	26

#	ARTICLE	IF	CITATIONS
37	Oxypalladation Initiating the Oxidative Heck Reaction with Alkenyl Alcohols: Synthesis of Isocoumarin Alkanones. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 663-667.	2.4	24
38	Switchable Reactivity between Vinyl Azides and Terminal Alkyne by Nano Copper Catalysis. <i>Organic Letters</i> , 2019, 21, 2090-2094.	4.6	20
39	DABCO-Catalyzed Oxidation of Deoxybenzoins to Benzils with Air and One-Pot Synthesis of Quinoxalines. <i>Synthesis</i> , 2011, 2011, 387-396.	2.3	17
40	Nucleo-Palladation-Triggering Alkene Functionalization: A Route to β -Lactones. <i>Organic Letters</i> , 2017, 19, 5756-5759.	4.6	17
41	Palladium/Copper Bimetallic System-Mediated Cross-Coupling of Alkynes and Alkenes: Two Strategies to Suppress β -H Elimination on Alkyl-Palladium Center. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1949-1954.	4.3	15
42	Direct Alkenylation of 2-Methylquinolines with Aldehydes through Synergistic Catalysis of 1,3-Dimethylbarbituric Acid and HOAc. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3619-3623.	4.3	15
43	Palladium-Catalyzed Nitrile-Assisted C(sp ³)-Cl Bond Formation for Synthesis of Dichlorides. <i>Organic Letters</i> , 2019, 21, 8308-8311.	4.6	14
44	Electrosynthesis of sulfonamides from DMSO and amines under mild conditions. <i>Chemical Communications</i> , 2021, 57, 3579-3582.	4.1	14
45	Efficient Synthesis of β -Oxoalkyl Carbamates from Carbon Dioxide, Internal Propargylic Alcohols, and Secondary Amines Catalyzed by Silver Salts and DBU. <i>Synthesis</i> , 2010, 2010, 1433-1440.	2.3	13
46	Hydroxyl Group-Assisted Palladium-Catalyzed Lactonization of Homoallylic Alcohols. <i>ChemCatChem</i> , 2014, 6, 561-566.	3.7	11
47	B(C ₆ F ₅) ₃ -Catalyzed Hydroarylation of Terminal Alkynes with Phenols. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3962-3967.	4.3	10
48	Polysubstituted Indole Synthesis via Palladium/Norbornene Cooperative Catalysis of Oxime Esters. <i>Organic Letters</i> , 2022, 24, 484-489.	4.6	10
49	Thioamide synthesis via copper-catalyzed C-H activation of 1,2,3-thiadiazoles enabled by slow release and capture of thioketenes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2382-2389.	4.5	9
50	LiCl-Mediated and Palladium-Catalyzed Oxidative Cyclization of Furan-Ynes via Dearomatizing Alkoxyalkenylation of Furan. <i>Organic Letters</i> , 2022, 24, 3275-3280.	4.6	3
51	Innentitelbild: Copper-Catalyzed Coupling of Oxime Acetates with Sodium Sulfinates: An Efficient Synthesis of Sulfone Derivatives (<i>Angew. Chem.</i> 16/2014). <i>Angewandte Chemie</i> , 2014, 126, 4090-4090.	2.0	0