

Xinjun Luan

List of Publications by Year in descending order

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51
papers

2,180
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201674

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all docs

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docs citations

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times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric [4+1] Spiroannulation of $\hat{1}$ -Bromo- $\hat{2}$ -Naphthols with Azoalkenes by an Electrophilic Dearomatization/S _N 1-Debromination Approach. <i>CCS Chemistry</i> , 2022, 4, 1054-1064.	7.8	25
2	Selective C(sp ³)-N Bond Cleavage of α -Dialkyl Tertiary Amines with the Loss of a Large Alkyl Group via an S _N 1 Pathway. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	5
3	Dearomatization/Deiodination of α -Iodophenolic Compounds with $\hat{1}$, $\hat{2}$ -Unsaturated Imines for Accessing Benzofuran Derivatives. <i>Organic Letters</i> , 2022, 24, 837-841.	4.6	7
4	Fine-tuning hydroxylamines as single-nitrogen sources for Pd(0)-catalyzed diamination of o-bromo(or) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	8.2	7
5	Trifunctionalization of aryl iodides α -via β -intermolecular C-H acylation/intramolecular C-H alkylation achieved using palladium/norbornene cooperative catalysis. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4003-4008.	4.5	4
6	Palladium(II)-Catalyzed [2+2+1] Annulation of Alkynes and Hydroxylamines: A Rodox-Neutral Approach to Fully Substituted Pyrroles. <i>Organic Letters</i> , 2022, 24, 5099-5104.	4.6	7
7	A chemo- and regioselective Pd(0)-catalyzed three-component spiroannulation. <i>Chemical Communications</i> , 2021, 57, 1117-1120.	4.1	11
8	Highly regioselective Ru(II)-catalyzed [3+2] spiroannulation of 1-aryl-2-naphthols with alkynes via a double directing group strategy. <i>Tetrahedron Letters</i> , 2021, 71, 153050.	1.4	4
9	Catellani Reaction: An Enabling Technology for Vicinal Functionalization of Aryl Halides by Palladium(0)/Norbornene Cooperative Catalysis. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1690-1705.	4.9	41
10	Trifunctionalization of Aryl Iodides with Two Distinct Nitrogen and Carbon Electrophiles by Palladium/Norbornene Catalysis. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2659-2667.	4.9	8
11	Hydroxylamines as One-Atom Nitrogen Sources for Metal-Catalyzed Cycloadditions. <i>Synthesis</i> , 2021, 53, 1423-1433.	2.3	7
12	Metal-free dearomatization of halonaphthols with C(sp ³)-electrophiles. <i>Chinese Chemical Letters</i> , 2021, , .	9.0	4
13	Construction of Structurally Rigid Azulene-6-ones via Migratory Rearrangement of Spirocycles and Their Photophysical Studies. <i>Organic Letters</i> , 2021, 23, 8662-8667.	4.6	0
14	Total Synthesis of Dalesconol A by Pd(0)/Norbornene-Catalyzed Three-Fold Domino Reaction and Pd(II)-Catalyzed Trihydroxylation. <i>Journal of the American Chemical Society</i> , 2021, 143, 21270-21274.	13.7	22
15	Palladium-Catalyzed [2+2+1] Spiroannulation via Alkyne-Directed Remote C-H Arylation and Subsequent Arene Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 653-657.	13.8	60
16	Palladium-Catalyzed [2+2+1] Spiroannulation via Alkyne-Directed Remote C-H Arylation and Subsequent Arene Dearomatization. <i>Angewandte Chemie</i> , 2020, 132, 663-667.	2.0	14
17	A Dearomatization/Debromination Strategy for the [4+1] Spiroannulation of Bromophenols with $\hat{1}$, $\hat{2}$ -Unsaturated Imines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18985-18989.	13.8	34
18	A Dearomatization/Debromination Strategy for the [4+1] Spiroannulation of Bromophenols with $\hat{1}$, $\hat{2}$ -Unsaturated Imines. <i>Angewandte Chemie</i> , 2020, 132, 19147-19151.	2.0	7

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19	Two-in-one strategy for fluorene-based spirocycles via Pd(0)-catalyzed spiroannulation of <i>o</i> -iodobiaryls with bromonaphthols. <i>Chemical Science</i> , 2020, 11, 10198-10203.	7.4	29
20	Hydroxylamines As Bifunctional Single-Nitrogen Sources for the Rapid Assembly of Diverse Tricyclic Indole Scaffolds. <i>Journal of the American Chemical Society</i> , 2020, 142, 6698-6707.	13.7	63
21	Regioselective Synthesis of Polyfunctional Arenes by a 4-Component Catellani Reaction. <i>CheM</i> , 2020, 6, 2097-2109.	11.7	25
22	Palladium-Catalyzed Intermolecular [4+1] Spiroannulation by C(sp ³)-H Activation and Naphthol Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1474-1478.	13.8	78
23	Pd-Catalyzed Dearomative Spirocyclization of Bromophenols via [2+2+1] Strategy. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2211.	1.3	8
24	Palladium/Norbornene-Catalyzed C-H Alkylation/Alkyne Insertion/Indole Dearomatization Domino Reaction: Assembly of Spiroindolenine-Containing Pentacyclic Frameworks. <i>Angewandte Chemie</i> , 2018, 130, 5245-5249.	2.0	18
25	Palladium/Norbornene-Catalyzed C-H Alkylation/Alkyne Insertion/Indole Dearomatization Domino Reaction: Assembly of Spiroindolenine-Containing Pentacyclic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5151-5155.	13.8	97
26	Pd(0)-Catalyzed Intermolecular Dearomatizing [3 + 2] Spiroannulation of Phenol-Based Biaryls and Allenes. <i>Organic Letters</i> , 2018, 20, 880-883.	4.6	34
27	Catalytic Enantioselective Tautomerization of Metastable Enamines. <i>Organic Letters</i> , 2018, 20, 244-247.	4.6	30
28	Palladium-Catalyzed Intermolecular [4+1] Spiroannulation via C(sp ³)-H Activation and Naphthol Dearomatization. <i>Angewandte Chemie</i> , 2018, 131, 1488.	2.0	27
29	Highly Chemoselective Construction of Spiro[4,5]decane-Embedded Polycyclic Scaffolds by a Palladium/Norbornene-Catalyzed C-H Activation/Arene Dearomatization Reaction. <i>Organic Letters</i> , 2018, 20, 7731-7734.	4.6	34
30	Palladium-Catalyzed Aryne Insertion/Arene Dearomatization Domino Reaction: A Highly Chemoselective Route to Spirofluorenes. <i>ACS Catalysis</i> , 2018, 8, 11029-11034.	11.2	40
31	Pd-Catalyzed [3 + 2] spiroannulation of <i>1</i> -aryl- <i>2</i> -naphthols with alkynes via a C-H activation/dearomatization approach. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2453-2457.	4.5	32
32	Novel spironaphthalenone-based host materials for efficient red phosphorescent and thermally activated delayed fluorescent OLEDs. <i>Organic Electronics</i> , 2018, 61, 376-382.	2.6	13
33	Modular Assembly of Spirocarbocyclic Scaffolds through Pd(0)-Catalyzed Intermolecular Dearomatizing [2+2+1] Annulation of Bromonaphthols with Aryl Iodides and Alkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2767-2771.	13.8	101
34	Modular Assembly of Spirocarbocyclic Scaffolds through Pd(0)-Catalyzed Intermolecular Dearomatizing [2+2+1] Annulation of Bromonaphthols with Aryl Iodides and Alkynes. <i>Angewandte Chemie</i> , 2017, 129, 2811-2815.	2.0	29
35	Palladium(0)-catalyzed [2 + 2 + 1] cyclization of 1,6-enynes with vinyl bromides: a highly diastereoselective synthesis of tetrahydro-1H-cyclopenta[c]furans bearing two quaternary carbon centers. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4601-4608.	2.8	2
36	Diastereoselective Synthesis of Dibenzo[<i>b</i>], [<i>d</i>]azepines by Pd(II)-Catalyzed [5 + 2] Annulation of <i>o</i> -Arylanilines with Dienes. <i>Organic Letters</i> , 2017, 19, 1734-1737.	4.6	47

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37	Rapid Assembly of Diversely Functionalized Spiroindenes by a Three-Component Palladium-Catalyzed C-H Amination/Phenol Dearomatization Domino Reaction. <i>Angewandte Chemie</i> , 2017, 129, 14445-14449.	2.0	24
38	Rapid Assembly of Diversely Functionalized Spiroindenes by a Three-Component Palladium-Catalyzed C-H Amination/Phenol Dearomatization Domino Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14257-14261.	13.8	109
39	Highly Chemo- and Regioselective Construction of Spirocarbocycles by a Pd(0)-Catalyzed Dearomatization of Phenol-Based Biaryls with 1,3-Dienes. <i>Organic Letters</i> , 2016, 18, 2082-2085.	4.6	47
40	Rapid assembly of spirocycles with phenol-derived biaryls with alkynes using an oxidative C-H activation/dearomatization strategy. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9451-9455.	2.8	36
41	Palladium(0)-Catalyzed Intermolecular Carbocyclization of (1,3-diyne) and Bromophenols: An Efficient Route to Tricyclic Scaffolds. <i>Angewandte Chemie</i> , 2016, 128, 7060-7064.	2.0	33
42	Palladium(0)-Catalyzed Intermolecular Carbocyclization of (1,3-diyne) and Bromophenols: An Efficient Route to Tricyclic Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6946-6950.	13.8	90
43	Highly Stereoselective Synthesis of Imine-Containing Dibenzo[<i>b</i> , <i>d</i>]azepines by a Palladium(II)-Catalyzed [5+2] Oxidative Annulation of <i>o</i> -Arylanilines with Alkynes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15385-15389.	13.8	98
44	Direct Asymmetric Dearomatization of 2-Naphthols by Scandium-Catalyzed Electrophilic Amination. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2356-2360.	13.8	121
45	Pd(0)-catalyzed chemoselective construction of spirocarbocycles via an alkyne insertion/ $\hat{1}$ -naphthol dearomatization cascade. <i>Chemical Communications</i> , 2015, 51, 3061-3064.	4.1	51
46	Ru(II)-Catalyzed Oxidative Spiroannulation of 2-Arylphenols with Alkynes via a C-H Activation/Dearomatization Strategy. <i>Journal of Organic Chemistry</i> , 2015, 80, 3349-3356.	3.2	72
47	Direct Asymmetric Dearomatization of 2-Naphthols by Scandium-Catalyzed Electrophilic Amination. <i>Angewandte Chemie</i> , 2015, 127, 2386-2390.	2.0	45
48	Palladium-Catalyzed Dynamic Kinetic Asymmetric Transformation of Racemic Biaryls: Axial-to-Central Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2015, 137, 4876-4879.	13.7	177
49	Palladium(II)-Catalyzed Oxidative Dearomatization of Free Naphthols with Two Alkyne Units. <i>Organic Letters</i> , 2014, 16, 6132-6135.	4.6	74
50	Ru ^{II} -Catalyzed Vinylative Dearomatization of Naphthols via a C(sp ²)-H Bond Activation Approach. <i>Journal of the American Chemical Society</i> , 2013, 135, 17306-17309.	13.7	227
51	Selective C(sp ³)-N Bond Cleavage of N,N-Dialkyl Tertiary Amines with the Loss of a Large Alkyl Group via an S _N 1 Pathway. <i>Angewandte Chemie</i> , 0, , .	2.0	2