# Anders T Lindhardt

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 73 papers | 4,850 citations | 71061 41 h-index | 95218 68 g-index |
| 115 all docs | 115 docs citations | 115 times ranked | 3923 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Development and Application of Two-Chamber Reactors and Carbon Monoxide Precursors for Safe Carbonylation Reactions. Accounts of Chemical Research, 2016, 49, 594-605. | 7.6 | 404 |
| 2 | <i>Ex Situ</i> Generation of Stoichiometric and Substoichiometric <sup>12</sup>CO and <sup>13</sup>CO and Its Efficient Incorporation in Palladium Catalyzed Aminocarbonylations. Journal of the American Chemical Society, 2011, 133, 6061-6071. | 6.6 | 389 |
| 3 | Silacarboxylic Acids as Efficient Carbon Monoxide Releasing Molecules: Synthesis and Application in Palladium-Catalyzed Carbonylation Reactions. Journal of the American Chemical Society, 2011, 133, 18114-18117. | 6.6 | 254 |
| 4 | Heck Coupling with Nonactivated Alkenyl Tosylates and Phosphates: Examples of Effective 1,2-Migrations of the Alkenyl Palladium(II) Intermediates. Angewandte Chemie - International Edition, 2006, 45, 3349-3353. | 7.2 | 196 |
| 5 | In Situ Generated Bulky Palladium Hydride Complexes as Catalysts for the Efficient Isomerization of Olefins. Selective Transformation of Terminal Alkenes to 2-Alkenes. Journal of the American Chemical Society, 2010, 132, 7998-8009. | 6.6 | 196 |
| 6 | Highly Regioselective Au(I)-Catalyzed Hydroamination of Ynamides and Propiolic Acid Derivatives with Anilines. Organic Letters, 2009, 11, 4208-4211. | 2.4 | 140 |
| 7 | Mild and Efficient Nickel-Catalyzed Heck Reactions with Electron-Rich Olefins. Journal of the American Chemical Society, 2012, 134, 443-452. | 6.6 | 138 |
| 8 | Efficient Fluoride-Catalyzed Conversion of CO<sub>2</sub> to CO at Room Temperature. Journal of the American Chemical Society, 2014, 136, 6142-6147. | 6.6 | 130 |
| 9 | Studies on the Heck Reaction with Alkenyl Phosphates:Â Can the 1,2-Migration Be Controlled? Scope and Limitations. Journal of the American Chemical Society, 2007, 129, 6931-6942. | 6.6 | 122 |
| 10 | Direct Vinylation and Difluorovinylation of Arylboronic Acids Using Vinyl- and 2,2-Difluorovinyl Tosylates via the Suzukiâ^'Miyaura Cross Coupling. Journal of Organic Chemistry, 2008, 73, 3404-3410. | 1.7 | 120 |
| 11 | Carbonylative Heck Reactions Using CO Generated <i>ex Situ</i> in a Two-Chamber System. Organic Letters, 2011, 13, 2444-2447. | 2.4 | 98 |
| 12 | Regioselective Heck Couplings of Î±,Î²-Unsaturated Tosylates and Mesylates with Electron-Rich Olefins. Organic Letters, 2005, 7, 5585-5587. | 2.4 | 96 |
| 13 | Heteroaromatic Sulfonates and Phosphates as Electrophiles in Iron-Catalyzed Cross-Couplings. Organic Letters, 2009, 11, 4886-4888. | 2.4 | 96 |
| 14 | Palladiumâ€Catalyzed Carbonylative Î±â€Arylation for Accessing 1,3â€Diketones. Angewandte Chemie - International Edition, 2012, 51, 798-801. | 7.2 | 92 |
| 15 | Investigations on the Suzukiâ^'Miyaura and Negishi Couplings with Alkenyl Phosphates:Â Application to the Synthesis of 1,1-Disubstituted Alkenes. Journal of Organic Chemistry, 2007, 72, 6464-6472. | 1.7 | 90 |
| 16 | Palladiumâ€Catalyzed Intermolecular Eneâ€"Yne Coupling: Development of an Atomâ€Efficient Mizorokiâ€"Heckâ€Type Reaction. Angewandte Chemie - International Edition, 2008, 47, 2668-2672. | 7.2 | 89 |
| 17 | Fast and Regioselective Heck Couplings with N-Acyl-N-vinylamine Derivatives. Journal of Organic Chemistry, 2005, 70, 5997-6003. | 1.7 | 85 |
| 18 | Control and femtosecond time-resolved imaging of torsion in a chiral molecule. Journal of Chemical Physics, 2012, 136, 204310. | 1.2 | 83 |

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|---|---|---|---|
| 19 | Bio-supported palladium nanoparticles as a catalyst for Suzukiâ€“Miyaura and Mizorokiâ€“Heck reactions. Green Chemistry, 2009, 11, 2041. | 4.6 | 82 |
| 20 | Formation of palladium(0) nanoparticles at microbial surfaces. Biotechnology and Bioengineering, 2010, 107, 206-215. | 1.7 | 78 |
| 21 | Palladium-Catalyzed Double Carbonylation Using Near Stoichiometric Carbon Monoxide: Expedient Access to Substituted <sup>13</sup>C<sub>2</sub>-Labeled Phenethylamines. Journal of Organic Chemistry, 2012, 77, 6155-6165. | 1.7 | 74 |
| 22 | A Ligand Free and Room Temperature Protocol for Pd-Catalyzed Kumadaâˆ'Corriu Couplings of Unactivated Alkenyl Phosphates. Journal of Organic Chemistry, 2009, 74, 3536-3539. | 1.7 | 70 |
| 23 | Reductive Carbonylation of Aryl Halides Employing a Two-Chamber Reactor: A Protocol for the Synthesis of Aryl Aldehydes Including <sup>13</sup>C- and D-Isotope Labeling. Journal of Organic Chemistry, 2013, 78, 6112-6120. | 1.7 | 70 |
| 24 | Direct <i>trans</i>-Selective Ruthenium-Catalyzed Reduction of Alkynes in Two-Chamber Reactors and Continuous Flow. ACS Catalysis, 2016, 6, 4710-4714. | 5.5 | 67 |
| 25 | Palladium-Catalyzed Carbonylative Sonogashira Coupling of Aryl Bromides Using Near Stoichiometric Carbon Monoxide. Organic Letters, 2014, 16, 2216-2219. | 2.4 | 65 |
| 26 | <sup>14</sup>Carbon monoxide made simple â€“ novel approach to the generation, utilization, and scrubbing of <sup>14</sup>carbon monoxide. Journal of Labelled Compounds and Radiopharmaceuticals, 2012, 55, 411-418. | 0.5 | 64 |
| 27 | Heteroaromatic Tosylates as Electrophiles in Regioselective Mizorokiâ€“Heckâ€Coupling Reactions with Electronâ€Rich Olefins. Chemistry - A European Journal, 2009, 15, 5950-5955. | 1.7 | 63 |
| 28 | Palladium-Catalyzed Approach to Primary Amides Using Nongaseous Precursors. Organic Letters, 2011, 13, 4454-4457. | 2.4 | 63 |
| 29 | Palladium Catalyzed Carbonylative Heck Reaction Affording Monoprotected 1,3-Ketoaldehydes. Organic Letters, 2012, 14, 2536-2539. | 2.4 | 61 |
| 30 | Direct synthesis of 1,1-diarylalkenes from alkenyl phosphates via nickel(0)-catalysed Suzukiâ€“Miyaura coupling. Chemical Communications, 2006, , 4137-4139. | 2.2 | 57 |
| 31 | An Efficient Method for the Preparation of Tertiary Esters by Palladium-Catalyzed Alkoxycarbonylation of Aryl Bromides. Organic Letters, 2012, 14, 284-287. | 2.4 | 57 |
| 32 | An Air-Tolerant Approach to the Carbonylative Suzukiâ€“Miyaura Coupling: Applications in Isotope Labeling. Journal of Organic Chemistry, 2013, 78, 10310-10318. | 1.7 | 57 |
| 33 | Pdâ€Catalyzed Cï£¿N Bond Formation with Heteroaromatic Tosylates. Chemistry - A European Journal, 2010, 16, 5437-5442. | 1.7 | 56 |
| 34 | Environmentally Benign Recovery and Reactivation of Palladium from Industrial Waste by Using Gramâ€Negative Bacteria. ChemSusChem, 2010, 3, 1036-1039. | 3.6 | 54 |
| 35 | Palladium-Catalyzed <i>N</i>-Acylation of Monosubstituted Ureas Using Near-Stoichiometric Carbon Monoxide. Journal of Organic Chemistry, 2012, 77, 3793-3799. | 1.7 | 52 |
| 36 | Size control and catalytic activity of bio-supported palladium nanoparticles. Colloids and Surfaces B: Biointerfaces, 2011, 85, 373-378. | 2.5 | 51 |

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|---|---|---|---|
| 37 | Pdâ€Catalyzed Carbonylative Î±â€Arylation of Aryl Bromides: Scope and Mechanistic Studies. Chemistry - A European Journal, 2013, 19, 17926-17938. | 1.7 | 50 |
| 38 | Studies on the 1,2-Migrations in Pd-Catalyzed Negishi Couplings with JosiPhos Ligands. Journal of Organic Chemistry, 2009, 74, 135-143. | 1.7 | 49 |
| 39 | Cooperative redox activation for carbon dioxide conversion. Nature Communications, 2016, 7, 13782. | 5.8 | 49 |
| 40 | Two-Chamber Hydrogen Generation and Application: Access to Pressurized Deuterium Gas. Journal of Organic Chemistry, 2014, 79, 5861-5868. | 1.7 | 47 |
| 41 | Recent developments in carbonylation chemistry using [<sup>13</sup>C]CO, [<sup>11</sup>C]CO, and [<sup>14</sup>C]CO. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 949-987. | 0.5 | 47 |
| 42 | 1,2,4â€•and 1,3,4â€Oxadiazole Synthesis by Palladiumâ€Catalyzed Carbonylative Assembly of Aryl Bromides with Amidoximes or Hydrazides. Advanced Synthesis and Catalysis, 2014, 356, 3074-3082. | 2.1 | 39 |
| 43 | <i>Ex situ</i> generation of stoichiometric HCN and its application in the Pd-catalysed cyanation of aryl bromides: evidence for a transmetallation step between two oxidative addition Pd-complexes. Chemical Science, 2017, 8, 8094-8105. | 3.7 | 35 |
| 44 | Enamides Accessed from Aminothioesters via a Pd(0)-Catalyzed Decarbonylative/Î²-Hydride Elimination Sequence. Organic Letters, 2010, 12, 4716-4719. | 2.4 | 34 |
| 45 | Access to 2-(Het)aryl and 2-Styryl Benzoxazoles via Palladium-Catalyzed Aminocarbonylation of Aryl and Vinyl Bromides. Organic Letters, 2015, 17, 2094-2097. | 2.4 | 34 |
| 46 | Development of a Palladium-Catalyzed Carbonylative Coupling Strategy to 1,4-Diketones. ACS Catalysis, 2016, 6, 2982-2987. | 5.5 | 34 |
| 47 | Direct Route to 1,3â€Diketones by Palladiumâ€Catalyzed Carbonylative Coupling of Aryl Halides with Acetylacetone. Chemistry - A European Journal, 2013, 19, 17687-17691. | 1.7 | 32 |
| 48 | Palladium-Catalyzed Carbonylative Couplings of Vinylogous Enolates: Application to Statin Structures. Journal of the American Chemical Society, 2015, 137, 14043-14046. | 6.6 | 30 |
| 49 | Classical Reagents: New Surprises in Palladium-Catalyzed Cï£¿C Coupling Reactions. Chemistry - A European Journal, 2008, 14, 8756-8766. | 1.7 | 29 |
| 50 | General Method for the Preparation of Active Esters by Palladium-Catalyzed Alkoxycarbonylation of Aryl Bromides. Journal of Organic Chemistry, 2015, 80, 1920-1928. | 1.7 | 29 |
| 51 | Palladium-Catalyzed Carbonylative Î±-Arylation of <i>tert</i>-Butyl Cyanoacetate with (Hetero)aryl Bromides. Journal of Organic Chemistry, 2016, 81, 1358-1366. | 1.7 | 25 |
| 52 | Generation of Stoichiometric Ethylene and Isotopic Derivatives and Application in Transitionâ€Metalâ€Catalyzed Vinylation and Enyne Metathesis. Chemistry - A European Journal, 2013, 19, 17603-17607. | 1.7 | 24 |
| 53 | Decarboxylative Trichloromethylation of Aromatic Aldehydes and Its Applications in Continuous Flow. Journal of Organic Chemistry, 2014, 79, 1174-1183. | 1.7 | 23 |
| 54 | Synthesis of Acyl Carbamates via Four Component Pd-Catalyzed Carbonylative Coupling of Aryl Halides, Potassium Cyanate, and Alcohols. Organic Letters, 2015, 17, 1248-1251. | 2.4 | 23 |

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|---|---|---|---|
| 55 | A Palladiumâ€Catalyzed Double Carbonylation Approach to Isatins from 2â€Iodoanilines. European Journal of Organic Chemistry, 2016, 2016, 1881-1885. | 1.2 | 22 |
| 56 | A Palladiumâ€Catalyzed Carbonylativeâ€"Deacetylative Sequence to 1,3â€Keto Amides. Advanced Synthesis and Catalysis, 2014, 356, 3519-3524. | 2.1 | 21 |
| 57 | A High Mobility Reactor Unit for R&D Continuous Flow Transfer Hydrogenations. Organic Process Research and Development, 2017, 21, 370-376. | 1.3 | 21 |
| 58 | Decarboxylative Reissert type trifluoro- and trichloro-methylation of (iso)quinoline derivatives in batch and continuous flow. Chemical Communications, 2015, 51, 9651-9654. | 2.2 | 19 |
| 59 | Palladiumâ€Catalyzed Carbonylative Coupling of (2â€Azaaryl)methyl Anion Equivalents with (Hetero)Aryl Bromides. Chemistry - A European Journal, 2014, 20, 15785-15789. | 1.7 | 18 |
| 60 | A Versatile Approach to Î²-Amyloid Fibril-Binding Compounds Exploiting the Shirakawa/Hayashi Protocol for <i>trans</i>-Alkene Synthesis. Organic Letters, 2009, 11, 999-1002. | 2.4 | 17 |
| 61 | Synthesis and selective <sup>2</sup>Hâ€, <sup>13</sup>Câ€, and <sup>15</sup>Nâ€labeling of the Tau protein binder THKâ€523. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 30-35. | 0.5 | 16 |
| 62 | COtab: Expedient and Safe Setup for Pd-Catalyzed Carbonylation Chemistry. Organic Letters, 2019, 21, 5775-5778. | 2.4 | 15 |
| 63 | Palladium-Catalyzed Carbonylation of Aryl Bromides with N-Substituted Cyanamides. Synlett, 2014, 25, 1241-1245. | 1.0 | 14 |
| 64 | An Expedient Synthesis of the Fibril Binding Compound FSB via Sequential Pd-Catalyzed Coupling Reactions. Journal of Organic Chemistry, 2008, 73, 3570-3573. | 1.7 | 11 |
| 65 | Copper-catalyzed and additive free decarboxylative trifluoromethylation of aromatic and heteroaromatic iodides. Organic and Biomolecular Chemistry, 2020, 18, 1417-1425. | 1.5 | 11 |
| 66 | Nucleophilic fluorination facilitated by a CsFâ€"CaF<sub>2</sub> packed bed reactor in continuous flow. Chemical Communications, 2018, 54, 825-828. | 2.2 | 9 |
| 67 | 2â€Pyridyl Tosylate Derivativesâ€"Building Blocks for Structural Diversity via Transition Metal Catalysis. Israel Journal of Chemistry, 2010, 50, 558-567. | 1.0 | 8 |
| 68 | Improved Safety during Transfer of Pyrophoric tert-Butyllithium from Flasks with Protective Seals. Organic Process Research and Development, 2018, 22, 903-905. | 1.3 | 7 |
| 69 | Organocatalyzed Decarboxylative Trichloromethylation of Moritaâ€"Baylisâ€"Hillman Adducts in Batch and Continuous Flow. Chemistry - A European Journal, 2018, 24, 1204-1208. | 1.7 | 6 |
| 70 | Studying the Morita-Baylis-Hillman Reaction in Continuous Flow Using Packed Bed Reactors. Organic Process Research and Development, 2018, 22, 1524-1533. | 1.3 | 3 |
| 71 | Dynamic Solid-State NMR Experiments Reveal Structural Changes for a Methyl Silicate Nanostructure on Deuterium Substitution. Journal of Physical Chemistry C, 2017, 121, 26507-26518. | 1.5 | 1 |
| 72 | C-1 Building Blocks in Organic Synthesis. Science of Synthesis Workbench Edition. Zwei BÃnde. Herausgegeben von Pietâ€…W.â€…N.â€…M. vanâ€…Leeuwen.. Angewandte Chemie, 2015, 127, 6192-6193. | 1.6 | 0 |

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|---|---|---|---|
| 73 | Pd-Catalyzed Carbonylative Synthesis of Other-Membered Heterocycles from Aryl Halides. Topics in Heterocyclic Chemistry, 2015, , 89-99. | 0.2 | 0 |