

Debasis Banerjee

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,128
citations

185998

28
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233125

45
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61
all docs

61
docs citations

61
times ranked

1868
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Recent advances in transition metal-catalyzed (1,4-) annulation using (de)-hydrogenative coupling with alcohols. <i>Chemical Communications</i> , 2021, 57, 9807-9819. | 2.2 | 20 |
| 2 | Heterogenizing a Homogeneous Nickel Catalyst Using Nanoconfined Strategy for Selective Synthesis of Mono- and 1,2-Disubstituted Benzimidazoles. <i>Inorganic Chemistry</i> , 2021, 60, 16042-16047. | 1.9 | 5 |
| 3 | Recent advances in the synthesis of N-heteroarenes via catalytic dehydrogenation of N-heterocycles. <i>Chemical Communications</i> , 2021, 57, 13042-13058. | 2.2 | 24 |
| 4 | Recent advances in sustainable organic transformations using methanol: expanding the scope of hydrogen-borrowing catalysis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 7077-7096. | 2.3 | 32 |
| 5 | Recent advances on non-precious metal-catalyzed C-H functionalization of N-heteroarenes. <i>Chemical Communications</i> , 2021, 58, 10-28. | 2.2 | 19 |
| 6 | Nickel-Catalyzed Dehydrogenation of N-Heterocycles Using Molecular Oxygen. <i>Organic Letters</i> , 2020, 22, 6458-6463. | 2.4 | 36 |
| 7 | Iron-catalysed alkylation of 2-methyl and 4-methyl azaarenes with alcohols via C-H bond activation. <i>Chemical Communications</i> , 2020, 56, 4777-4780. | 2.2 | 16 |
| 8 | Nickel-catalyzed hydrogen-borrowing strategy: chemo-selective alkylation of nitriles with alcohols. <i>Chemical Communications</i> , 2020, 56, 6850-6853. | 2.2 | 38 |
| 9 | A Simple Iron-Catalyst for Alkenylation of Ketones Using Primary Alcohols. <i>Molecules</i> , 2020, 25, 1590. | 1.7 | 9 |
| 10 | Iron-Catalyzed Ligand Free α -Alkylation of Methylene Ketones and β -Alkylation of Secondary Alcohols Using Primary Alcohols. <i>Journal of Organic Chemistry</i> , 2019, 84, 11676-11686. | 1.7 | 42 |
| 11 | Iron-Catalyzed Coupling of Methyl N-Heteroarenes with Primary Alcohols: Direct Access to E-Selective Olefins. <i>Organic Letters</i> , 2019, 21, 7514-7518. | 2.4 | 36 |
| 12 | Nickel-Catalyzed Double Dehydrogenative Coupling of Secondary Alcohols and β -Amino Alcohols To Access Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2019, 84, 13557-13564. | 1.7 | 31 |
| 13 | Nickel-catalysed direct α -olefination of alkyl substituted N-heteroarenes with alcohols. <i>Chemical Communications</i> , 2019, 55, 7530-7533. | 2.2 | 25 |
| 14 | Nickel-catalysed dehydrogenative coupling of aromatic diamines with alcohols: selective synthesis of substituted benzimidazoles and quinoxalines. <i>Chemical Communications</i> , 2019, 55, 5958-5961. | 2.2 | 77 |
| 15 | Nickel-Catalyzed Alkylation of Ketone Enolates: Synthesis of Monoselective Linear Ketones. <i>Journal of Organic Chemistry</i> , 2019, 84, 769-779. | 1.7 | 54 |
| 16 | A nitrogen-ligated nickel-catalyst enables selective intermolecular cyclisation of β - and γ -amino alcohols with ketones: access to five and six-membered N-heterocycles. <i>Green Chemistry</i> , 2018, 20, 2250-2256. | 4.6 | 77 |
| 17 | Nickel-Catalyzed Phosphine Free Direct N-Alkylation of Amides with Alcohols. <i>Journal of Organic Chemistry</i> , 2018, 83, 3378-3384. | 1.7 | 55 |
| 18 | Mn(II)-catalysed alkylation of methylene ketones with alcohols: direct access to functionalised branched products. <i>Chemical Communications</i> , 2018, 54, 14069-14072. | 2.2 | 47 |

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|----|--|-----|-----------|
| 19 | Nickel-Catalyzed Synthesis of <i>N</i> -Substituted Pyrroles Using Diols with Aryl- and Alkylamines. <i>Journal of Organic Chemistry</i> , 2018, 83, 15406-15414. | 1.7 | 43 |
| 20 | Nickel-catalysed alkylation of C(sp ³)-H bonds with alcohols: direct access to functionalised N-heteroaromatics. <i>Chemical Communications</i> , 2018, 54, 12369-12372. | 2.2 | 48 |
| 21 | Nickel-Catalyzed Hydrogen-Borrowing Strategy for α -Alkylation of Ketones with Alcohols: A New Route to Branched <i>gem</i> -Bis(alkyl) Ketones. <i>Organic Letters</i> , 2018, 20, 5587-5591. | 2.4 | 116 |
| 22 | An Efficient and Selective Nickel-Catalyzed Direct N-Alkylation of Anilines with Alcohols. <i>ACS Catalysis</i> , 2017, 7, 8152-8158. | 5.5 | 174 |
| 23 | Palladium(II)-Catalyzed Tandem Oxidative Acetoxylation/ <i>ortho</i> -C-H Activation/Carbocyclization of Arylallenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 9559-9562. | 6.6 | 39 |
| 24 | Highly selective transfer hydrogenation of functionalised nitroarenes using cobalt-based nanocatalysts. <i>Green Chemistry</i> , 2015, 17, 898-902. | 4.6 | 127 |
| 25 | A General Catalytic Hydroamidation of 1,3-Dienes: Atom-Efficient Synthesis of <i>N</i> -Allyl Heterocycles, Amides, and Sulfonamides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1630-1635. | 7.2 | 55 |
| 26 | Palladium-catalysed regioselective hydroamination of 1,3-dienes: synthesis of allylic amines. <i>Organic Chemistry Frontiers</i> , 2014, 1, 368. | 2.3 | 51 |
| 27 | Cooperative Catalysis by Palladium and a Chiral Phosphoric Acid: Enantioselective Amination of Racemic Allylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13049-13053. | 7.2 | 89 |
| 28 | Convenient and Mild Epoxidation of Alkenes Using Heterogeneous Cobalt Oxide Catalysts. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4359-4363. | 7.2 | 143 |
| 29 | Efficient and Convenient Palladium-Catalyzed Amination of Allylic Alcohols with <i>N</i> -Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11556-11560. | 7.2 | 62 |
| 30 | An Efficient and Convenient Palladium Catalyst System for the Synthesis of Amines from Allylic Alcohols. <i>ChemSusChem</i> , 2012, 5, 2039-2044. | 3.6 | 43 |
| 31 | Synthesis of Functionalized 2-Arylthiophenes with Triarylbiaryls as Atom-Efficient Multicoupling Organometallic Nucleophiles under Palladium Catalysis. <i>Synlett</i> , 2011, 2011, 1324-1330. | 1.0 | 17 |
| 32 | Palladium-Catalyzed Novel Arylations of Cyclic α -Bromo α,β -Unsaturated Aldehydes with Triarylbiaryls as Multicoupling Organometallic Nucleophiles. <i>Synlett</i> , 2011, 2011, 273-279. | 1.0 | 5 |
| 33 | Palladium-catalyzed cross-couplings of allylic carbonates with triarylbiaryls as multi-coupling atom-efficient organometallic nucleophiles. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1518-1525. | 0.8 | 19 |
| 34 | Pd(0)-catalyzed couplings using bromide and chloride derivatives of Baylis-Hillman adducts with triarylbiaryls as atom-efficient multi-coupling nucleophiles. <i>Tetrahedron</i> , 2010, 66, 3623-3632. | 1.0 | 16 |
| 35 | An expeditious and convergent synthesis of ailanthoidol. <i>Tetrahedron Letters</i> , 2010, 51, 1979-1981. | 0.7 | 12 |
| 36 | Pd-catalyzed coupling of aryl iodides with triarylbiaryls as atom-economic multi-coupling organometallic nucleophiles under mild conditions. <i>Tetrahedron Letters</i> , 2010, 51, 6101-6104. | 0.7 | 26 |

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|----|--|-----|-----------|
| 37 | Arylations of allylic acetates with triarylbismuths as atom-efficient multi-coupling reagents under palladium catalysis. <i>Tetrahedron Letters</i> , 2009, 50, 5757-5761. | 0.7 | 16 |
| 38 | A new palladium catalyzed protocol for atom-efficient cross-coupling reactions of triarylbismuths with aryl halides and triflates. <i>Tetrahedron</i> , 2008, 64, 5762-5772. | 1.0 | 86 |
| 39 | Atom-efficient cross-coupling reactions of triarylbismuths with acyl chlorides under Pd(0) catalysis. <i>Tetrahedron</i> , 2007, 63, 12917-12926. | 1.0 | 73 |
| 40 | Microwave-mediated solvent free Störmer reaction for efficient synthesis of benzofurans. <i>Tetrahedron Letters</i> , 2007, 48, 431-434. | 0.7 | 53 |
| 41 | Palladium catalyzed atom-efficient cross-coupling reactions of triarylbismuths with aryl bromides. <i>Tetrahedron Letters</i> , 2007, 48, 2707-2711. | 0.7 | 35 |
| 42 | Palladium catalyzed atom-efficient cross-coupling reactions of triarylbismuths with aryl iodides and aryl triflates. <i>Tetrahedron Letters</i> , 2007, 48, 6644-6647. | 0.7 | 45 |