

# 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  
h-index

233125

45  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1868  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient and Selective Nickel-Catalyzed Direct N-Alkylation of Anilines with Alcohols. ACS Catalysis, 2017, 7, 8152-8158.	5.5	174
2	Convenient and Mild Epoxidation of Alkenes Using Heterogeneous Cobalt Oxide Catalysts. Angewandte Chemie - International Edition, 2014, 53, 4359-4363.	7.2	143
3	Highly selective transfer hydrogenation of functionalised nitroarenes using cobalt-based nanocatalysts. Green Chemistry, 2015, 17, 898-902.	4.6	127
4	Nickel-Catalyzed Hydrogen-Borrowing Strategy for $\alpha$ -Alkylation of Ketones with Alcohols: A New Route to Branched $\alpha$ -Bis(alkyl) Ketones. Organic Letters, 2018, 20, 5587-5591.	2.4	116
5	Cooperative Catalysis by Palladium and a Chiral Phosphoric Acid: Enantioselective Amination of Racemic Allylic Alcohols. Angewandte Chemie - International Edition, 2014, 53, 13049-13053.	7.2	89
6	A new palladium catalyzed protocol for atom-efficient cross-coupling reactions of triarylbismuths with aryl halides and triflates. Tetrahedron, 2008, 64, 5762-5772.	1.0	86
7	A nitrogen-ligated nickel-catalyst enables selective intermolecular cyclisation of $\alpha$ - and $\beta$ -amino alcohols with ketones: access to five and six-membered N-heterocycles. Green Chemistry, 2018, 20, 2250-2256.	4.6	77
8	Nickel-catalysed dehydrogenative coupling of aromatic diamines with alcohols: selective synthesis of substituted benzimidazoles and quinoxalines. Chemical Communications, 2019, 55, 5958-5961.	2.2	77
9	Atom-efficient cross-coupling reactions of triarylbismuths with acyl chlorides under Pd(0) catalysis. Tetrahedron, 2007, 63, 12917-12926.	1.0	73
10	Efficient and Convenient Palladium-Catalyzed Amination of Allylic Alcohols with N-Heterocycles. Angewandte Chemie - International Edition, 2012, 51, 11556-11560.	7.2	62
11	A General Catalytic Hydroamidation of 1,3-Dienes: Atom-Efficient Synthesis of $\alpha$ -Allyl Heterocycles, Amides, and Sulfonamides. Angewandte Chemie - International Edition, 2014, 53, 1630-1635.	7.2	55
12	Nickel-Catalyzed Phosphine Free Direct N-Alkylation of Amides with Alcohols. Journal of Organic Chemistry, 2018, 83, 3378-3384.	1.7	55
13	Nickel-Catalyzed Alkylation of Ketone Enolates: Synthesis of Monoselective Linear Ketones. Journal of Organic Chemistry, 2019, 84, 769-779.	1.7	54
14	Microwave-mediated solvent free $\alpha$ -Stoermer reaction for efficient synthesis of benzofurans. Tetrahedron Letters, 2007, 48, 431-434.	0.7	53
15	Palladium-catalysed regioselective hydroamination of 1,3-dienes: synthesis of allylic amines. Organic Chemistry Frontiers, 2014, 1, 368.	2.3	51
16	Nickel-catalysed alkylation of C(sp <sup>3</sup> )-H bonds with alcohols: direct access to functionalised N-heteroaromatics. Chemical Communications, 2018, 54, 12369-12372.	2.2	48
17	Mn(II)-catalysed alkylation of methylene ketones with alcohols: direct access to functionalised branched products. Chemical Communications, 2018, 54, 14069-14072.	2.2	47
18	Palladium catalyzed atom-efficient cross-coupling reactions of triarylbismuths with aryl iodides and aryl triflates. Tetrahedron Letters, 2007, 48, 6644-6647.	0.7	45

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19	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
20	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
21	Iron-Catalyzed Ligand Free $\alpha$ -Alkylation of Methylene Ketones and $\beta$ -Alkylation of Secondary Alcohols Using Primary Alcohols. <i>Journal of Organic Chemistry</i> , 2019, 84, 11676-11686.	1.7	42
22	Palladium(II)-Catalyzed Tandem Oxidative Acetoxylation/ <i>ortho</i> -C-H Activation/Carbocyclization of Aryllallenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 9559-9562.	6.6	39
23	Nickel-catalyzed hydrogen-borrowing strategy: chemo-selective alkylation of nitriles with alcohols. <i>Chemical Communications</i> , 2020, 56, 6850-6853.	2.2	38
24	Iron-Catalyzed Coupling of Methyl <i>N</i> -Heteroarenes with Primary Alcohols: Direct Access to <i>E</i> -Selective Olefins. <i>Organic Letters</i> , 2019, 21, 7514-7518.	2.4	36
25	Nickel-Catalyzed Dehydrogenation of N-Heterocycles Using Molecular Oxygen. <i>Organic Letters</i> , 2020, 22, 6458-6463.	2.4	36
26	Palladium catalyzed atom-efficient cross-coupling reactions of triarylbismuths with aryl bromides. <i>Tetrahedron Letters</i> , 2007, 48, 2707-2711.	0.7	35
27	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
28	Nickel-Catalyzed Double Dehydrogenative Coupling of Secondary Alcohols and $\beta$ -Amino Alcohols To Access Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2019, 84, 13557-13564.	1.7	31
29	Pd-catalyzed coupling of aryl iodides with triarylbismuths as atom-economic multi-coupling organometallic nucleophiles under mild conditions. <i>Tetrahedron Letters</i> , 2010, 51, 6101-6104.	0.7	26
30	Nickel-catalysed direct $\alpha$ -olefination of alkyl substituted N-heteroarenes with alcohols. <i>Chemical Communications</i> , 2019, 55, 7530-7533.	2.2	25
31	Recent advances in the synthesis of N-heteroarenes <i>via</i> catalytic dehydrogenation of N-heterocycles. <i>Chemical Communications</i> , 2021, 57, 13042-13058.	2.2	24
32	Recent advances in transition metal-catalyzed (1, <i>n</i> ) annulation using (de)-hydrogenative coupling with alcohols. <i>Chemical Communications</i> , 2021, 57, 9807-9819.	2.2	20
33	Palladium-catalyzed cross-couplings of allylic carbonates with triarylbismuths as multi-coupling atom-efficient organometallic nucleophiles. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1518-1525.	0.8	19
34	Recent advances on non-precious metal-catalyzed C-H functionalization of <i>N</i> -heteroarenes. <i>Chemical Communications</i> , 2021, 58, 10-28.	2.2	19
35	Synthesis of Functionalized 2-Arylthiophenes with Triarylbismuths as Atom-Efficient Multicoupling Organometallic Nucleophiles under Palladium Catalysis. <i>Synlett</i> , 2011, 2011, 1324-1330.	1.0	17
36	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

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37	Pd(0)-catalyzed couplings using bromide and chloride derivatives of Baylis-Hillman adducts with triarylbismuths as atom-efficient multi-coupling nucleophiles. <i>Tetrahedron</i> , 2010, 66, 3623-3632.	1.0	16
38	Iron-catalysed alkylation of 2-methyl and 4-methyl azaarenes with alcohols <i>via</i> C-H bond activation. <i>Chemical Communications</i> , 2020, 56, 4777-4780.	2.2	16
39	An expeditious and convergent synthesis of ailanthoidol. <i>Tetrahedron Letters</i> , 2010, 51, 1979-1981.	0.7	12
40	A Simple Iron-Catalyst for Alkenylation of Ketones Using Primary Alcohols. <i>Molecules</i> , 2020, 25, 1590.	1.7	9
41	Palladium-Catalyzed Novel Arylations of Cyclic $\beta$ -Bromo $\alpha,\beta$ -Unsaturated Aldehydes with Triarylbismuths as Multicoupling Organometallic Nucleophiles. <i>Synlett</i> , 2011, 2011, 273-279.	1.0	5
42	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