

Dipankar Srimani

List of Publications by Year in descending order

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35
papers

2,991
citations

186265

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315739

38
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52
all docs

52
docs citations

52
times ranked

2780
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Synthesis of Pyrroles by Dehydrogenative Coupling of β -Aminoalcohols with Secondary Alcohols Catalyzed by Ruthenium Pincer Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4012-4015.	13.8	268
2	Selective Hydrogenation of Nitriles to Primary Amines Catalyzed by a Cobalt Pincer Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 8888-8891.	13.7	237
3	Iron Pincer Complex Catalyzed, Environmentally Benign, α -Selective Semi-Hydrogenation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14131-14134.	13.8	215
4	Direct synthesis of pyridines and quinolines by coupling of β -amino-alcohols with secondary alcohols liberating H ₂ catalyzed by ruthenium pincer complexes. <i>Chemical Communications</i> , 2013, 49, 6632.	4.1	175
5	Cobalt-Catalyzed Hydrogenation of Esters to Alcohols: Unexpected Reactivity Trend Indicates Ester Enolate Intermediacy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12357-12360.	13.8	166
6	Phosphine free Mn-complex catalysed dehydrogenative C-C and C-heteroatom bond formation: a sustainable approach to synthesize quinoxaline, pyrazine, benzothiazole and quinoline derivatives. <i>Chemical Communications</i> , 2018, 54, 10582-10585.	4.1	144
7	Size controlled synthesis of Pd nanoparticles in water and their catalytic application in C-C coupling reactions. <i>Tetrahedron</i> , 2009, 65, 4367-4374.	1.9	136
8	A new functionalized mesoporous matrix supported Pd(ii)-Schiff base complex: an efficient catalyst for the Suzuki-Miyaura coupling reaction. <i>Dalton Transactions</i> , 2010, 39, 6395.	3.3	133
9	Selective Synthesis of 2-Substituted and 1,2-Disubstituted Benzimidazoles Directly from Aromatic Diamines and Alcohols Catalyzed by Molecularly Defined Nonphosphine Manganese(I) Complex. <i>Journal of Organic Chemistry</i> , 2018, 83, 9553-9560.	3.2	128
10	Catalytic coupling of nitriles with amines to selectively form imines under mild hydrogen pressure. <i>Chemical Communications</i> , 2012, 48, 11853.	4.1	115
11	Ruthenium Pincer-Catalyzed Cross-Dehydrogenative Coupling of Primary Alcohols with Secondary Alcohols under Neutral Conditions. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2403-2406.	4.3	109
12	Palladium Nanoparticle Catalyzed Hiyama Coupling Reaction of Benzyl Halides. <i>Journal of Organic Chemistry</i> , 2010, 75, 4296-4299.	3.2	92
13	Sustainable Synthesis of Quinazoline and 2-Aminoquinoline via Dehydrogenative Coupling of 2-Aminobenzyl Alcohol and Nitrile Catalyzed by Phosphine-Free Manganese Pincer Complex. <i>Organic Letters</i> , 2019, 21, 3223-3227.	4.6	88
14	Convenient Synthesis of Palladium Nanoparticles and Catalysis of Hiyama Coupling Reaction in Water. <i>Organic Letters</i> , 2007, 9, 3639-3642.	4.6	87
15	Formation of Tertiary Amides and Dihydrogen by Dehydrogenative Coupling of Primary Alcohols with Secondary Amines Catalyzed by Ruthenium Bipyridine-Based Pincer Complexes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2525-2530.	4.3	81
16	Phosphine-Free Well-Defined Mn(I) Complex-Catalyzed Synthesis of Amine, Imine, and 2,3-Dihydro-1H-perimidine via Hydrogen Autotransfer or Acceptorless Dehydrogenative Coupling of Amine and Alcohol. <i>Organometallics</i> , 2019, 38, 1815-1825.	2.3	80
17	Direct Catalytic Olefination of Alcohols with Sulfones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11092-11095.	13.8	58
18	Direct Synthesis of Secondary Amines From Alcohols and Ammonia Catalyzed by a Ruthenium Pincer Complex. <i>Catalysis Letters</i> , 2015, 145, 139-144.	2.6	58

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19	Cobalt-Catalyzed Hydrogenation of Esters to Alcohols: Unexpected Reactivity Trend Indicates Ester Enolate Intermediacy. <i>Angewandte Chemie</i> , 2015, 127, 12534-12537.	2.0	56
20	Ruthenium Pincer Complex Catalyzed Selective Synthesis of β -Alkylated Indoles and Bisindolylmethanes Directly from Indoles and Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2902-2910.	4.3	55
21	Palladium nanoparticle catalysis: borylation of aryl and benzyl halides and one-pot biaryl synthesis via sequential borylation-Suzuki-Miyaura coupling. <i>Green Chemistry</i> , 2012, 14, 661.	9.0	50
22	Recent Progress in the Synthesis of Heterocycles through Base Metal-Catalyzed Acceptorless Dehydrogenative and Borrowing Hydrogen Approach. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3690-3720.	2.4	37
23	Ru-Catalyzed Selective Catalytic Methylation and Methylenation Reaction Employing Methanol as the C1 Source. <i>Journal of Organic Chemistry</i> , 2021, 86, 10544-10554.	3.2	37
24	Benzaldimines as ligands for palladium in Suzuki-Miyaura reactions. <i>Tetrahedron Letters</i> , 2008, 49, 6304-6307.	1.4	36
25	Low-Pressure Hydrogenation of Nitriles to Primary Amines Catalyzed by Ruthenium Pincer Complexes. Scope and mechanism. <i>ChemCatChem</i> , 2017, 9, 559-563.	3.7	36
26	Visible-Light-Induced Manganese-Catalyzed Reactions: Present Approach and Future Prospects. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2969-2995.	4.3	31
27	Acceptorless dehydrogenative construction of C=N and C=C bonds through catalytic aza-Wittig and Wittig reactions in the presence of an air-stable ruthenium pincer complex. <i>Dalton Transactions</i> , 2019, 48, 6501-6512.	3.3	25
28	Redox Noninnocent Nature of Acridine-Based Pincer Complexes of 3d Metals and C-C Bond Formation. <i>Organometallics</i> , 2020, 39, 279-285.	2.3	22
29	Manganese catalyzed switchable C-alkylation/alkenylation of fluorenes and indene with alcohols. <i>Chemical Communications</i> , 2021, 57, 10363-10366.	4.1	20
30	Well-Defined NNS-Mn Complex Catalyzed Selective Synthesis of C-3 Alkylated Indoles and Bisindolylmethanes Using Alcohols. <i>Journal of Organic Chemistry</i> , 2022, 87, 3989-4000.	3.2	20
31	Well-Defined Ni ^{II} -SNS Complex Catalysed Borrowing Hydrogenative α -Alkylation of Ketones and Dehydrogenative Synthesis of Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2429-2437.	4.3	19
32	Well-defined manganese complex catalyzed dehydrogenative synthesis of quinazolin-4(3H)-ones and 3,4-dihydro-2H-1,2,4-benzothiadiazine 1,1-dioxides. <i>Catalysis Science and Technology</i> , 2022, 12, 3202-3208.	4.1	13
33	Ru Doped Hydrotalcite Catalyzed Borrowing Hydrogen-Mediated N-Alkylation of Benzamides, Sulfonamides, and Dehydrogenative Synthesis of Quinazolinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 5556-5567.	3.2	11
34	Synthesis of 1,8-Dioxo-decahydroacridine Derivatives via Ru-Catalyzed Acceptorless Dehydrogenative Multicomponent Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 9733-9743.	3.2	9
35	Multicomponent Dehydrogenative Synthesis of Acridine-1,8-diones Catalyzed by Ru-doped Hydrotalcite. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2195-2204.	2.7	6