

Suman De Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

4,845
citations

186265

28
h-index

206112

48
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61
docs citations

61
times ranked

3058
citing authors

#	ARTICLE	IF	CITATIONS
1	Organophotoredox Catalyzed Stereoselective Nitration of Olefins with <i>tert</i> -Butyl Nitrite under Air. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	3
2	Acridine Orange Hemi(Zinc Chloride) Salt as a Lewis Acid-Photoredox Hybrid Catalyst for the Generation of Carbonyl Radicals. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 755-765.	4.3	13
3	Trifluoroethanol as a Unique Additive for the Chemoselective Electrooxidation of Enamines to Access Unsymmetrically Substituted NH-Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	25
4	Trifluoroethanol as a Unique Additive for the Chemoselective Electrooxidation of Enamines to Access Unsymmetrically Substituted NH-Pyrroles. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
5	Regioselective Synthesis of N2-Aryl 1,2,3-Triazoles via Electro-oxidative Coupling of Enamines and Aryldiazonium Salts. <i>Organic Letters</i> , 2022, , .	4.6	12
6	Membrane transport inspired hydrolysis of non-activated esters at near physiological pH. <i>Chemical Communications</i> , 2021, 57, 11088-11091.	4.1	2
7	Single Electron Transfer-Induced Redox Processes Involving N-(Acyloxy)phthalimides. <i>ACS Catalysis</i> , 2021, 11, 1640-1683.	11.2	190
8	Manganese-Catalyzed Electrochemical Tandem Azidation-Coarctate Reaction: Easy Access to 2-Azo-benzonitriles. <i>Organic Letters</i> , 2021, 23, 1742-1747.	4.6	27
9	Manganese-catalyzed Electro-oxidative Azidation-annulation Cascade to Access Oxindoles and Quinolinones. <i>Chemistry - an Asian Journal</i> , 2021, 16, 748-752.	3.3	13
10	An organophotoredox-catalyzed redox-neutral cascade involving N-(acyloxy)phthalimides and maleimides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2256-2262.	4.5	30
11	Supramolecular Engineering and Self-Assembly Strategies in Photoredox Catalysis. <i>ACS Catalysis</i> , 2021, 11, 710-733.	11.2	40
12	Synthesis of Polysubstituted Furans through Electrochemical Selenocyclization of Homopropargylic Alcohols. <i>Journal of Organic Chemistry</i> , 2021, 86, 16084-16094.	3.2	30
13	Highly Diastereoselective Synthesis of Dihydrobenzoimidazo[1,3]thiazines via Electro-oxidative Selenocyclization of Thioallyl Benzoimidazoles. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3895-3899.	3.3	19
14	An organophotoredox-catalyzed redox-neutral cascade involving N-(acyloxy)phthalimides and allenamides: synthesis of indoles. <i>Chemical Communications</i> , 2021, 57, 13130-13133.	4.1	22
15	Electrochemical Chalcogenation of Unsaturated Amides and Oximes to Corresponding Oxazolines and Isoxazolines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1046-1052.	4.3	62
16	Alcohols as Fluoroalkyl Synthons: Ni-catalyzed Dehydrogenative Approach to Access Polyfluoroalkyl Bisindoles. <i>Chemistry - A European Journal</i> , 2020, 26, 16649-16654.	3.3	9
17	Organophotoredox-Catalyzed Cascade Radical Annulation of 2-(Allyloxy)arylaldehydes with N-(acyloxy)phthalimides: Towards Alkylated Chromanone Derivatives. <i>Chemistry - an Asian Journal</i> , 2020, 15, 568-572.	3.3	36
18	Regioselective C-H Sulfonylation of 2-Indazoles by Electrosynthesis. <i>Journal of Organic Chemistry</i> , 2020, 85, 3699-3708.	3.2	76

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19	Mechanochemical Synthesis of Functionalized Quinolines by Iodine Mediated Oxidative Annulation. <i>Chemistry - an Asian Journal</i> , 2020, 15, 577-580.	3.3	7
20	Cobalt-Catalyzed Sustainable Synthesis of Benzimidazoles by Redox-Economical Coupling of <i>o</i> -Nitroanilines and Alcohols. <i>Journal of Organic Chemistry</i> , 2019, 84, 12111-12119.	3.2	63
21	Base-Promoted Aerobic Oxidation/Homolytic Aromatic Substitution Cascade toward the Synthesis of Phenanthridines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4941-4948.	4.3	14
22	Nickel-Catalyzed Dehydrogenative Couplings. <i>ChemCatChem</i> , 2019, 11, 2243-2259.	3.7	37
23	Nickel(II) Tetraphenylporphyrin as an Efficient Photocatalyst Featuring Visible Light Promoted Dual Redox Activities. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3200-3209.	4.3	56
24	Recent Developments in the de Novo Synthesis of Heterocycles by First-Row Transition-Metal-Catalyzed Acceptorless Dehydrogenation. <i>Current Organic Chemistry</i> , 2019, 23, 1005-1018.	1.6	5
25	Synthesis of Polysubstituted Quinolines from \pm -2-Aminoaryl Alcohols Via Nickel-Catalyzed Dehydrogenative Coupling. <i>Journal of Organic Chemistry</i> , 2018, 83, 2309-2316.	3.2	107
26	<i>meta</i> - and <i>para</i> -Selective C-H Functionalization using Transient Mediators and Noncovalent Templates. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1236-1255.	2.7	18
27	Ruthenium(II)-catalysed remote C-H alkylations as a versatile platform to meta-decorated arenes. <i>Nature Communications</i> , 2017, 8, 15430.	12.8	130
28	Synthetic Applications of Vinyl Ruthenium Carbenes Derived from Diazoalkanes and Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2709-2722.	4.3	14
29	Ruthenium(II) Biscarboxylate-Catalyzed Borylations of C(sp ²)-H and C(sp ³)-H Bonds. <i>Chemistry - A European Journal</i> , 2017, 23, 84-87.	3.3	37
30	Palladiumkatalysierte transannulare C-H-Funktionalisierung alicyclischer Amine. <i>Angewandte Chemie</i> , 2016, 128, 10714-10716.	2.0	0
31	Allelopathic Activity of the Iron Chelator Anachelin - A Molecular Hybrid with a Dual Mode of Action. <i>Helvetica Chimica Acta</i> , 2016, 99, 760-773.	1.6	6
32	Remote C-H Functionalization by a Palladium-Catalyzed Transannular Approach. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10558-10560.	13.8	14
33	<i>meta</i> - and <i>para</i> -Selective C-H Functionalization by C-H Activation. <i>Topics in Organometallic Chemistry</i> , 2015, , 217-257.	0.7	142
34	<i>N</i> -Acyl Amino Acid Ligands for Ruthenium(II)-Catalyzed <i>meta</i> -C-H <i>tert</i> -Alkylation with Removable Auxiliaries. <i>Journal of the American Chemical Society</i> , 2015, 137, 13894-13901.	13.7	308
35	Weakly Coordinating Directing Groups for Ruthenium(II)-Catalyzed C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1461-1479.	4.3	702
36	Ruthenium(II)-Catalyzed C-H Activation with Isocyanates: A Versatile Route to Phthalimides. <i>Chemistry - A European Journal</i> , 2014, 20, 13932-13936.	3.3	75

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37	Catalysis with N-Heterocyclic Carbenes under Oxidative Conditions. <i>Chemistry - A European Journal</i> , 2013, 19, 4664-4678.	3.3	456
38	N-Heterocyclic carbene (NHC) catalyzed chemoselective acylation of alcohols in the presence of amines with various acylating reagents. <i>Chemical Science</i> , 2013, 4, 2177.	7.4	80
39	Enantioselective cyclopropanation of enals by oxidative N-heterocyclic carbene catalysis. <i>Chemical Communications</i> , 2012, 48, 5190.	4.1	101
40	Nucleophilic Addition of Enols and Enamines to α,β -Unsaturated Acyl Azoliums: Mechanistic Studies. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5234-5238.	13.8	95
41	Highly Stereoselective Synthesis of 1,2,3-Trisubstituted Indanes via Oxidative N-Heterocyclic Carbene-Catalyzed Cascades. <i>Organic Letters</i> , 2011, 13, 4966-4969.	4.6	113
42	Kinetic Resolution of Secondary Alcohols by NHC-Catalyzed Oxidative Esterification. <i>Synthesis</i> , 2011, 2011, 1974-1983.	2.3	16
43	Oxidative Amidation and Azidation of Aldehydes by NHC Catalysis. <i>Organic Letters</i> , 2010, 12, 1992-1995.	4.6	252
44	NHC Catalyzed Oxidations of Aldehydes to Esters: Chemoselective Acylation of Alcohols in Presence of Amines. <i>Journal of the American Chemical Society</i> , 2010, 132, 1190-1191.	13.7	436
45	NHC-Catalyzed Michael Addition to α,β -Unsaturated Aldehydes by Redox Activation. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9266-9269.	13.8	329
46	Biomimetic Carbene-Catalyzed Oxidations of Aldehydes Using TEMPO. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8727-8730.	13.8	354