

Chandi C Malakar

List of Publications by Year in descending order

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times ranked

1309
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#	ARTICLE	IF	CITATIONS
1	Overview of Hydroxychloroquine and Remdesivir on severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). <i>Journal of Heterocyclic Chemistry</i> , 2023, 60, 165-182.	2.6	4
2	Organocatalytic Decarboxylation and Dual C(sp ³)-H Bond Functionalization Toward Facile Access to Divergent 2,6-Diarylpyridines. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	3
3	KI-assisted Sulfur Activation/Insertion/Denitration Strategy towards Dual C-S Bond Formation for One-pot Synthesis of β -Carboline-tethered α -Acylbenzothiophenes. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	6
4	Docking-based evaluation against Human Tankyrase-1 and Tankyrase-2 enzyme. <i>Materials Today: Proceedings</i> , 2022, 57, 300-306.	1.8	4
5	Recent Advances in Synthesis and Medicinal Evaluation of 1,2-Benzothiazine Analogues. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	6
6	Catalytic Iodine and Morpholine as Reagent Combination for Hydration of Alkynes via Markovnikov Addition. <i>Asian Journal of Chemistry</i> , 2022, 34, 1592-1596.	0.3	0
7	C-H Functionalization and C-N Bond Formation Approaches under Catalytic Conditions for the Synthesis of β -Ketoamides and 2,4-Disubstituted-1,3,5-triazines. <i>Asian Journal of Chemistry</i> , 2022, 34, 1841-1847.	0.3	1
8	P(III)-Mediated Cascade C-N/C-S Bond Formation: A Protocol towards the Synthesis of α -N-S-Heterocycles and Spiro Compounds. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 431-445.	4.3	6
9	Synthesis of Pyrazolo[4,3-c]quinolines and the C-C Bond Cleavage during Reductive Cyclization. <i>Heterocycles</i> , 2021, 102, 705.	0.7	1
10	Efficient Approach towards the Polysubstituted 4H-Pyran Hybrid Quinolone Derivatives and Subsequent Copper-Catalyzed Hydroxylation of Haloarenes. <i>Heterocycles</i> , 2021, 102, 465.	0.7	0
11	C(sp ³)-C(sp ³) bond cleavage and fragment coupling: a transition metal-free α -extrusion and recombination approach towards synthesis of 1,2-diketones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5389-5396.	4.5	4
12	α -Aza-Michael addition of 1,2-diazoles to structurally diverse enones: Efficient methods toward β -amino ketones. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1029-1033.	2.6	4
13	Cu(II)-Catalysed Azide-Alkyne Cycloaddition Reaction towards Synthesis of β -Carboline C1-tethered 1,2,3-Triazole Derivatives. <i>ChemistrySelect</i> , 2021, 6, 4005-4010.	1.5	0
14	Transition-Metal-Free Transfer Hydrogenative Cascade Reaction of Nitroarenes with Amines/Alcohols: Redox-Economical Access to Benzimidazoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 14597-14607.	3.2	10
15	Conversion of alkynes into 1,2-diketones using HFIP as sacrificial hydrogen donor and DMSO as dihydroxylating agent. <i>Tetrahedron Letters</i> , 2020, 61, 151588.	1.4	13
16	Decarboxylative cyclization of amino acids towards the Regioselective synthesis of 2,4-diarylpyridines via relay Fe(III)/In(III)-catalysis. <i>Tetrahedron Letters</i> , 2020, 61, 151495.	1.4	9
17	Reagent-Controlled Divergent Synthesis of 2-Amino-1,3-Benzoxazines and 2-Amino-1,3-Benzothiazines. <i>Journal of Organic Chemistry</i> , 2020, 85, 380-396.	3.2	20
18	HFIP-mediated strategy towards β -oxo amides and subsequent Friedel-Craft type cyclization to α -quinolinones using recyclable catalyst. <i>Tetrahedron Letters</i> , 2020, 61, 152535.	1.4	16

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19	An organocatalytic C–C bond cleavage approach: a metal-free and peroxide-free facile method for the synthesis of amide derivatives. <i>New Journal of Chemistry</i> , 2020, 44, 20940-20944.	2.8	11
20	Recent Advances in Pyridine-Based Organocatalysis and its Application towards Valuable Chemical Transformations. <i>ChemistrySelect</i> , 2020, 5, 8745-8758.	1.5	28
21	Copper-Catalyzed [2+2+1+1] Annulation for the Regioselective Synthesis of 2,6-Diarylpyridines via C1-Insertion and Subsequent Cyclization. <i>ChemistrySelect</i> , 2020, 5, 10144-10148.	1.5	10
22	Transition-Metal-Free C–S Bond Forming Strategy towards Synthesis of Highly Diverse Pyrazole Tethered Benzothiazoles: Investigation of their Photophysical Properties. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1857-1868.	2.7	4
23	A Facile H Insertion Strategy using Combination of HFIP and Isocyanides: Metal-Free Access to Azole Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1793-1797.	2.7	7
24	Comprehensive Strategies for the Synthesis of Isoquinolines: Progress Since 2008. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4896-4990.	4.3	61
25	Transition-metal-free variant of Glaser- and Cadiot-Chodkiewicz-type Coupling: Benign access to diverse 1,3-diyne and related molecules. <i>Tetrahedron Letters</i> , 2020, 61, 151775.	1.4	17
26	Amino-Acid-Mediated Aerobic Oxidation of Organoborons for the Synthesis of Phenolic Derivatives Using Single Electron Transfer. <i>ChemistrySelect</i> , 2020, 5, 2419-2423.	1.5	6
27	Niacin as a Potent Organocatalyst towards the Synthesis of Quinazolines Using Nitriles as C–N Source. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 803-814.	2.4	18
28	Mo(VI)-catalyzed Synthesis of 2-Aryl-2H-indazoles Using Pinacol Mediated Deoxygenation of Nitroaromatics. <i>Chemistry Letters</i> , 2019, 48, 1258-1261.	1.3	6
29	Overview on Recent Approaches towards Synthesis of 2-Keto-annulated Oxazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2730-2743.	2.6	18
30	Gold-Catalyzed Facile Protocol towards the Efficient Access of Azetidyl Esters, β -Amino Esters and γ -Amino Esters using Simple Substrates. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1947-1947.	2.7	0
31	A metal- and base-free domino protocol for the synthesis of 1,3-benzoselenazines, 1,3-benzothiazines and related scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2516-2528.	2.8	10
32	Pd-Catalyzed Decarboxylation and Dual C(sp ³)–H Functionalization Protocols for the Synthesis of 2,4-Diarylpyridines. <i>Journal of Organic Chemistry</i> , 2019, 84, 5005-5020.	3.2	21
33	Copper-Catalyzed Site-Selective Oxidative C–C Bond Cleavage of Simple Ketones for the Synthesis of Anilides and Paracetamol. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 135-145.	4.3	26
34	Organocatalytic oxidative synthesis of C2-functionalized benzoxazoles, naphthoxazoles, benzothiazoles and benzimidazoles. <i>Tetrahedron Letters</i> , 2019, 60, 223-229.	1.4	25
35	Structural Diversity Attributed by Aza-Diels-Alder Reaction in Synthesis of Diverse Quinoline Scaffolds. <i>Current Organic Chemistry</i> , 2019, 23, 920-958.	1.6	10
36	The facile and efficient organocatalytic platform for accessing 1,2,4-selenadiazoles and thiadiazoles under aerobic conditions. <i>Tetrahedron Letters</i> , 2018, 59, 904-908.	1.4	16

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37	A Tandem Approach towards Diastereoselective Synthesis of Quinoline C β Tethered β -Lactones. <i>ChemistrySelect</i> , 2018, 3, 399-404.	1.5	9
38	Indium-Mediated Domino Allylation-Lactonisation Approach: Diastereoselective Synthesis of β -Carboline C β Tethered β -Methylene β -Butyrolactones. <i>ChemistrySelect</i> , 2018, 3, 4859-4864.	1.5	14
39	An Expedient Approach for the Synthesis of β -Carboline-Pyrazole-Based Molecular Hybrids. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 383-394.	2.7	18
40	Facile Protocols towards C2-Arylated Benzoxazoles using Fe(III)-Catalyzed C(sp ² -H) Functionalization and Metal-Free Domino Approach. <i>Synlett</i> , 2018, 29, 1469-1478.	1.8	7
41	Divergent Synthesis of Quinazolines Using Organocatalytic Domino Strategies under Aerobic Conditions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4628-4638.	2.4	23
42	Efficient Syntheses of Diverse N-Heterocycles: The Molybdenum(VI)-Catalyzed Reductive Cyclization of Nitroarenes using Pinacol as a Deoxygenating Agent. <i>SynOpen</i> , 2018, 02, 0138-0144.	1.7	4
43	Metal-free Decarboxylative Amination: An Alternative Approach Towards Regioselective Synthesis of β -Carboline fused Imidazoles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1213-1226.	4.3	38
44	In(OTf) ₃ assisted synthesis of β -carboline C-3 tethered imidazo[1,2-a]azine derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 1082-1093.	2.8	34
45	Iridium-Catalyzed Asymmetric Allylic Substitutions with Bulky Amines/Oxidative Double Bond Cleavage Entry into the Reetz Synthesis of Amino Alcohols. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 493-501.	2.4	9
46	In(OTf) ₃ -HBF ₄ Assisted Multicomponent Approach for One-Pot Synthesis of Pyrazolopyridinone Fused Imidazopyridines. <i>ChemistrySelect</i> , 2016, 1, 4696-4703.	1.5	20
47	Natural product inspired design and synthesis of β -carboline and β -lactone based molecular hybrids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8154-8166.	2.8	31
48	Metal-Free Synthesis of Chlorinated β -Amino Ketones via an Unexpected Reaction of Imines with Arylacetylenes in 1,1,1,3,3,3-Hexafluoro-2-propanol. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 41-49.	4.3	19
49	Metal-free 1,3-dipolar cycloaddition approach towards the regioselective synthesis of β -carboline and isoxazole based molecular hybrids. <i>RSC Advances</i> , 2016, 6, 88066-88076.	3.6	12
50	Novel Domino Routes for the Synthesis of N-Heterocycles via Reductive Cyclization of β -Nitroaryl β -Unsaturated Ketones. <i>ChemistrySelect</i> , 2016, 1, 5784-5788.	1.5	4
51	Pd-catalyzed domino reactions of nitroaromatics: A surrogate access towards the saturated N-heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 5695-5699.	1.4	9
52	Indium(iii)-catalyzed tandem synthesis of 2-alkynyl-3,3-dichloropyrrolidines and their conversion to 3-chloropyrroles. <i>RSC Advances</i> , 2015, 5, 10139-10151.	3.6	11
53	Immobilized Catalysts for Iridium-Catalyzed Allylic Amination: Rate Enhancement by Immobilization. <i>Chemistry - A European Journal</i> , 2015, 21, 7127-7134.	3.3	13
54	Base-Promoted Domino Reaction of 5-Substituted 2-Nitrosophenols with Bromomethyl Aryl Ketones: A Transition-Metal-Free Approach to 2-Aroylbenzoxazoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 10829-10837.	3.2	14

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55	2,3-Dihalo-1-propenes as Building Blocks in Cu(I)-Catalyzed Domino Reactions: Efficient and Selective Synthesis of Furans. <i>Organic Letters</i> , 2014, 16, 4862-4865.	4.6	29
56	Synthesis of Functionalized Naphthalenes by Copper(I)-Catalyzed Annulation between 2-(2-Halobenzyl)pentane-2,4-diones and β -Keto Esters, Malonates and Cyanoacetates. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2400-2416.	4.3	6
57	Pharmaceutical potential of phorbol esters from <i>Jatropha curcas</i> oil. <i>Natural Product Research</i> , 2013, 27, 1459-1462.	1.8	13
58	Microwave-Assisted Molybdenum-Catalyzed Reductive Cyclization of <i>o</i> -Nitrobenzylidene Amines to 2-Aryl-2H-indazoles. <i>Synlett</i> , 2013, 24, 1573-1577.	1.8	24
59	Lewis Acid Mediated Vinyl Transfer Reaction of Alkynes to <i>N</i> -Alkylimines by Using the <i>N</i> -Alkyl Residue as a Sacrificial Hydrogen Donor. <i>Chemistry - A European Journal</i> , 2013, 19, 14263-14270.	3.3	11
60	Reaction of 1-Nitroso-2-naphthols with β -Functionalized Ketones and Related Compounds: The Unexpected Formation of Decarbonylated 2-Substituted Naphtho[1,2- <i>d</i>][1,3]oxazoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 154-166.	3.2	23
61	An Indium(III)-Catalyzed Synthesis of 4,4-Dichloro-1-arylcyanamines via an Intermolecular C(sp ²) \rightarrow C(sp ²) Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3461-3467.	4.3	16
62	Cu-Catalyzed Reaction of 1,2-Dihalobenzenes with 1,3-Cyclohexanediones for the Synthesis of 3,4-Dihydrodibenzo[<i>b,d</i>]furan-1(2 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2012, 77, 7793-7803.	3.2	51
63	Copper(I)-Catalyzed Intramolecular <i>O</i> -Arylation for the Synthesis of 2,3,4,9-Tetrahydro-1- <i>H</i> -xanthen-1-ones with Low Loads of CuCl. <i>Journal of Organic Chemistry</i> , 2012, 77, 10194-10210.	3.2	25
64	Cu(I)-catalyzed annulation for the synthesis of substituted naphthalenes using <i>o</i> -bromobenzaldehydes and β -ketoesters as substrates. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3899.	2.8	15
65	Copper-Catalyzed Synthesis of Quinazolines in Water Starting from <i>o</i> -Bromobenzylbromides and Benzamides. <i>Chemistry - A European Journal</i> , 2012, 18, 8882-8885.	3.3	85
66	Cu(I)-Catalyzed Domino Reactions: Efficient and Selective Synthesis of 4- <i>H</i> -Chromenes and Naphthalenes. <i>Organic Letters</i> , 2011, 13, 1972-1975.	4.6	99
67	Double C-H Activation: The Palladium-Catalyzed Direct C-Arylation of Xanthines with Arenes. <i>Organic Letters</i> , 2011, 13, 1378-1381.	4.6	100
68	MoO ₂ Cl ₂ (dmf) ₂ -Catalyzed Domino Reactions of β -Nitro Alkenes to 3,4-Dihydro-2H-1,4-benzothiazines and Other Heterocycles. <i>Synlett</i> , 2010, 2010, 1766-1770.	1.8	4
69	Influence of Bases and Ligands on the Outcome of the Cu(I)-Catalyzed Oxidative Homocoupling of Terminal Alkynes to 1,4-Disubstituted 1,3-Diynes Using Oxygen as an Oxidant. <i>Journal of Organic Chemistry</i> , 2009, 74, 5648-5651.	3.2	140
70	Unexpected Lewis Acid Mediated Reactions of 1-Arylbut-3-en-1-ols with Trimethyl Orthoformate - A New Synthesis of Homoallyl Ethers and Chlorides. <i>Synlett</i> , 2008, 2008, 903-907.	1.8	6