

# Manda Sathish

## List of Publications by Citations

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26

papers

639

citations

16

h-index

25

g-index

33

ext. papers

747

ext. citations

3.7

avg, IF

3.57

L-index

#	Paper	IF	Citations
26	Design and synthesis of C3-tethered 1,2,3-triazolo- $\beta$ -carboline derivatives: Anticancer activity, DNA-binding ability, viscosity and molecular modeling studies. <i>Bioorganic Chemistry</i> , <b>2016</b> , 64, 42-50	5.1	62
25	Design and synthesis of C3-pyrazole/chalcone-linked beta-carboline hybrids: antitopoisomerase I, DNA-interactive, and apoptosis-inducing anticancer agents. <i>ChemMedChem</i> , <b>2014</b> , 9, 2084-98	3.7	62
24	Design and synthesis of dithiocarbamate linked $\beta$ -carboline derivatives: DNA topoisomerase II inhibition with DNA binding and apoptosis inducing ability. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 5511-26	3.4	60
23	DNA-binding affinity and anticancer activity of $\beta$ -carboline-chalcone conjugates as potential DNA intercalators: Molecular modelling and synthesis. <i>Bioorganic Chemistry</i> , <b>2015</b> , 59, 130-9	5.1	59
22	Synthesis of podophyllotoxin linked $\beta$ -carboline congeners as potential anticancer agents and DNA topoisomerase II inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 144, 557-571	6.8	43
21	PhI(OAc) <sub>2</sub> -mediated one-pot oxidative decarboxylation and aromatization of tetrahydro- $\beta$ -carbolines: synthesis of norharmine, harmine, eudistomin U and eudistomin I. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 8652-62	3.9	38
20	Silver catalyzed domino aza-annulation/Diels-Alder cyclization of 2-ene-yne anilines: a facile one-pot access to carbazole, dihydrocarbazole and tetrahydrocarbazole frameworks. <i>Chemical Communications</i> , <b>2016</b> , 52, 4581-4	5.8	37
19	Palladium-Catalyzed Aryl C-H Activation and Tandem ortho-Hydroxylation/Alkoxylation of 2-Aryl Benzimidazoles: Cytotoxicity and DNA-Binding Studies. <i>Asian Journal of Organic Chemistry</i> , <b>2014</b> , 3, 68-76	3.7	33
18	A one-pot Hlick reaction from spiro-epoxides catalyzed by Cu(I)-pyrrolidinyl-oxazole-carboxamide. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 3973-3981	3.6	29
17	An efficient one-pot decarboxylative aromatization of tetrahydro- $\beta$ -carbolines by using N-chlorosuccinimide: total synthesis of norharmine, harmine and eudistomins. <i>RSC Advances</i> , <b>2015</b> , 5, 90121-90126	3.7	27
16	Asymmetric Michael addition of ketones to nitroolefins: pyrrolidinyl-oxazole-carboxamides as new efficient organocatalysts. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 8008-18	3.9	23
15	Synthesis and in vitro cytotoxicity evaluation of $\beta$ -carboline-combretastatin carboxamides as apoptosis inducing agents: DNA intercalation and topoisomerase-II inhibition. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 3285-3298	3.4	21
14	Synthesis of Combretastatin-A4 Carboxamidest that Mimic Sulfonyl Piperazines by a Molecular Hybridization Approach: in vitro Cytotoxicity Evaluation and Inhibition of Tubulin Polymerization. <i>ChemMedChem</i> , <b>2019</b> , 14, 2052-2060	3.7	19
13	Iron-Mediated One-Pot Synthesis of 3,5-Diarylpyridines from $\beta$ -Nitrostyrenes. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2159-65	4.2	17
12	Synthesis of DNA interactive C3-trans-cinnamide linked $\beta$ -carboline conjugates as potential cytotoxic and DNA topoisomerase I inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 4916-4929	3.4	17
11	Dithiocarbamate/piperazine bridged pyrrolobenzodiazepines as DNA-minor groove binders: synthesis, DNA-binding affinity and cytotoxic activity. <i>Bioorganic Chemistry</i> , <b>2015</b> , 59, 23-30	5.1	16
10	An efficient one-pot approach for the regio- and diastereoselective synthesis of trans-dihydrofuran derivatives: cytotoxicity and DNA-binding studies. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 6837-6853	3.9	15

9	Synthesis and biological evaluation of benzimidazole-oxindole conjugates as microtubule-targeting agents. <i>Bioorganic Chemistry</i> , <b>2015</b> , 63, 72-84	5.1	14
8	AlCl <sub>3</sub> /NaI assisted cleavage of polymer-bound esters with concomitant amine coupling and azido-reductive cyclization: synthesis of pyrrolobenzodiazepine derivatives. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 4435-4441	2	11
7	Phenacyl azides as efficient intermediates: one-pot synthesis of pyrrolidines and imidazoles. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 2730-2733	3.9	10
6	Phenyliodonium Diacetate Mediated One-Pot Synthesis of Benzimidazoles and Quinazolinones from Benzylamines. <i>ChemistrySelect</i> , <b>2016</b> , 1, 2895-2899	1.8	8
5	Diphenylphosphoryl Azide (DPPA)-Mediated One-Pot Synthesis of Oxazolo[4,5-c][1,8]naphthyridin-4(5 H)-ones, Oxazolo[4,5-c]quinoline-4(5 H)-ones, and Tosyloxazol-5-yl Pyridines. <i>Asian Journal of Organic Chemistry</i> , <b>2017</b> , 6, 898-906	3	6
4	Bifunctional thiosquaramide catalyzed asymmetric reduction of dihydro- $\beta$ -carboline and enantioselective synthesis of (-)-coerulescine and (-)-horsfiline by oxidative rearrangement.. <i>RSC Advances</i> , <b>2020</b> , 10, 38672-38677	3.7	4
3	TCCA-mediated oxidative rearrangement of tetrahydro- $\beta$ -carboline: facile access to spirooxindoles and the total synthesis of (±)-coerulescine and (±)-horsfiline.. <i>RSC Advances</i> , <b>2021</b> , 11, 16537-16546	3.7	4
2	Future of Drug Discovery <b>2017</b> , 609-629		3
1	Genomic characterization of <i>Puccinia triticina</i> using molecular marker technology.. <i>Brazilian Journal of Biology</i> , <b>2022</b> , 84, e249472	1.5	