Nagula Shankaraiah

List of Publications by Year
in descending order

156	4,670	81839	155592
papers	citations	39 h-index	55 g-index

175	175	175	3873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expedition of sulfurâ€containing heterocyclic derivatives as cytotoxic agents in medicinal chemistry: A decade update. Medicinal Research Reviews, 2022, 42, 513-575.	5.0	33
2	One-pot, microwave-assisted copper(<scp>i</scp>)-catalysed dithiocarbamation: facile introduction of dithiocarbamate on imidazopyridines. Green Chemistry, 2022, 24, 1259-1269.	4.6	7
3	Exploration of benzimidazoles as potential microtubule modulators: An insight in the synthetic and therapeutic evolution. Journal of Molecular Structure, 2022, 1253, 132251.	1.8	7
4	Role of histone demethylases and histone methyltransferases in triple-negative breast cancer: Epigenetic mnemonics. Life Sciences, 2022, 292, 120321.	2.0	10
5	The Expedition of Azido-reductive Cyclization Approaches towards Various Heterocycles.. Current Organic Chemistry, 2022, 26, .	0.9	1
6	Contribution of Knoevenagel Condensation Products toward the Development of Anticancer Agents: An Updated Review. ChemMedChem, 2022, 17, .	1.6	11
7	Brown Seaweedâ€Derived Alginic Acid: An Efficient and Reusable Catalyst for Pictetâ€Spengler Reaction to Access Tetrahydroâ€Î²â€Carboline and Tetrahydroisoquinoline Frameworks. Asian Journal of Organic Chemistry, 2022, 11, .	1.3	3
8	Synthesis of indolo/pyrroloazepinone-oxindoles as potential cytotoxic, DNA-intercalating and Topo I inhibitors. Bioorganic Chemistry, 2022, 122, 105706.	2.0	11
9	Exploration of mercaptoacetamide-linked pyrimidine-1,3,4-oxadiazole derivatives as DNA intercalative topo II inhibitors: Cytotoxicity and apoptosis induction. Bioorganic and Medicinal Chemistry Letters, 2022, 65, 128697.	1.0	8
10	Ru(II)-Catalyzed Regioselective Câ€“N Bond Formation on Benzothiazoles Employing Acyl Azide as an Amidating Agent. ACS Omega, 2022, 7, 1299-1310.	1.6	8
11	Design, synthesis of DNA-interactive 4-thiazolidinone-based indolo-/pyrroloazepinone conjugates as potential cytotoxic and topoisomerase I inhibitors. European Journal of Medicinal Chemistry, 2022, 238, 114465.	2.6	9
12	Ru(<scp>ii</scp>)-Catalyzed regioselective carbene insertion into Î²-carbolines and isoquinolines. Organic and Biomolecular Chemistry, 2022, 20, 5852-5860.	1.5	3
13	Development of Î²-carboline-benzothiazole hybrids via carboxamide formation as cytotoxic agents: DNA intercalative topoisomerase IIÎ± inhibition and apoptosis induction. Bioorganic Chemistry, 2021, 106, 104481.	2.0	28
14	Syntheses and Applications of Spirocyclopropyl Oxindoles: A Decade Review. European Journal of Organic Chemistry, 2021, 2021, 757-772.	1.2	45
15	TCCA-mediated oxidative rearrangement of tetrahydro-Î²-carbolines: facile access to spirooxindoles and the total synthesis of (Â±)-coerulescine and (Â±)-horsfiline. RSC Advances, 2021, 11, 16537-16546.	1.7	16
16	Recent advances in multi-component reactions and their mechanistic insights: a triennium review. Organic Chemistry Frontiers, 2021, 8, 4237-4287.	2.3	158
17	Microwave-assisted oxidation reactions. , 2021, , 285-313.		1
18	The Riveting Chemistry of Polyâ€azaâ€heterocycles Employing Microwave Technique: A Decade Review. European Journal of Organic Chemistry, 2021, 2021, 1476-1490.	1.2	7

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19	Application of Transition Metalâ€Catalyzed Câˆ'H Activation Strategies in the Synthesis and Functionalization of Î²â€Carbolines. Asian Journal of Organic Chemistry, 2021, 10, 1050-1066.	1.3	17
20	Cyclodesulfurization: An Enabling Protocol for Synthesis of Various Heterocycles. ChemistrySelect, 2021, 6, 2621-2640.	0.7	7
21	Microwave-assisted multicomponent reactions in heterocyclic chemistry and mechanistic aspects. Beilstein Journal of Organic Chemistry, 2021, 17, 819-865.	1.3	27
22	Structural insights of oxindole based kinase inhibitors as anticancer agents: Recent advances. European Journal of Medicinal Chemistry, 2021, 216, 113334.	2.6	58
23	Anticancer potential of spirocompounds in medicinal chemistry: A pentennial expedition. European Journal of Medicinal Chemistry, 2021, 215, 113263.	2.6	50
24	The Role of Sulphonamides and Nâ€Sulphonyl Ketimines/Aldimines as Directing Groups in the Field of Câˆ'H Activation. Chemistry - an Asian Journal, 2021, 16, 1661-1684.	1.7	6
25	Cinnamide derived pyrimidine-benzimidazole hybrids as tubulin inhibitors: Synthesis, in silico and cell growth inhibition studies. Bioorganic Chemistry, 2021, 110, 104765.	2.0	41
26	Synthesis and in Vitro Cytotoxicity Evaluation of Phenanthrene Linked 2,4- Thiazolidinediones as Potential Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1127-1140.	0.9	8
27	Exploration of Câ€H Activation Strategies in Construction of Functionalized 2â€Aryl Benzoazoles: A Decisive Review. Asian Journal of Organic Chemistry, 2021, 10, 1986-2009.	1.3	8
28	Expedition to Phenanthrene Nucleus: A Twoâ€decade Research onâ€…Bench. Asian Journal of Organic Chemistry, 2021, 10, 2105-2136.	1.3	9
29	Synthesis and biological evaluation of novel imidazo[1,2-a]pyridine-oxadiazole hybrids as anti-proliferative agents: Study of microtubule polymerization inhibition and DNA binding. Bioorganic and Medicinal Chemistry, 2021, 43, 116277.	1.4	14
30	Unravelling KDM4 histone demethylase inhibitors for cancer therapy. Drug Discovery Today, 2021, 26, 1841-1856.	3.2	17
31	Stereoselective Aldol and Conjugate Addition Reactions Mediated by Prolineâ€Based Catalysts and Its Analogues: A Concise Review. European Journal of Organic Chemistry, 2021, 2021, 5288-5311.	1.2	12
32	Î²-Carboline-based molecular hybrids as anticancer agents: a brief sketch. RSC Medicinal Chemistry, 2021, 12, 730-750.	1.7	30
33	Syntheses and medicinal chemistry of azepinoindolones: a look back to leap forward. Organic and Biomolecular Chemistry, 2021, 19, 738-764.	1.5	9
34	An update on the progress of cycloaddition reactions of 3-methyleneindolinones in the past decade: versatile approaches to spirooxindoles. Organic and Biomolecular Chemistry, 2021, 19, 7768-7791.	1.5	30
35	Targeting tubulin polymerization and DNA binding of 4-thiazolidinoneâ€"umbelliferone hybrids: synthesis and cytotoxicity evaluation. New Journal of Chemistry, 2021, 45, 18908-18923.	1.4	10
36	Regioselective orthoâ€sulfonamidation: Exploration of Intrinsic Directing Property of Î²â€Carbolines and their Photophysical Studies. Asian Journal of Organic Chemistry, 2021, 10, 3384-3389.	1.3	10

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37	Î²-Carboline tethered cinnamoyl 2-aminobenzamides as class I selective HDAC inhibitors: Design, synthesis, biological activities and modelling studies. Bioorganic Chemistry, 2021, 117, 105461.	2.0	13
38	Recent Updates on Azidoâ€reductive Cyclization Approaches: Syntheses of azaâ€Heterocyclic Frameworks. Asian Journal of Organic Chemistry, 2021, 10, 3186-3200.	1.3	7
39	Dithiocarbamation of spiro-aziridine oxindoles: a facile access to C3-functionalised 3-thiooxindoles as apoptosis inducing agents. Organic and Biomolecular Chemistry, 2021, 19, 10622-10634.	1.5	10
40	Reliability of Click Chemistry on Drug Discovery: A Personal Account. Chemical Record, 2020, 20, 253-272.	2.9	23
41	Syntheses and reactivity of spiro-epoxy/aziridine oxindole cores: developments in the past decade. Organic and Biomolecular Chemistry, 2020, 18, 8572-8596.	1.5	32
42	Design and synthesis of thiadiazolo-carboxamide bridged Î²-carboline-indole hybrids: DNA intercalative topo-IIÎ± inhibition with promising antiproliferative activity. Bioorganic Chemistry, 2020, 105, 104357.	2.0	28
43	Base-mediated 1,3-dipolar cycloaddition of pyridinium bromides with bromoallyl sulfones: a facile access to indolizine scaffolds. Organic and Biomolecular Chemistry, 2020, 18, 8694-8701.	1.5	2
44	An insight into medicinal attributes of dithiocarbamates: Birdâ€™s eye view. Bioorganic Chemistry, 2020, 105, 104346.	2.0	45
45	Synthesis and biological evaluation of substituted N-(2-(1H-benzo[d]imidazol-2-yl)phenyl)cinnamides as tubulin polymerization inhibitors. Bioorganic Chemistry, 2020, 103, 104191.	2.0	24
46	Synthesis of (Z)-3-(arylamino)-1-(3-phenylimidazo[1,5-a]pyridin-1-yl)prop-2-en-1-ones as potential cytotoxic agents. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127432.	1.0	7
47	The microwave-assisted syntheses and applications of non-fused single-nitrogen-containing heterocycles. Organic and Biomolecular Chemistry, 2020, 18, 9737-9761.	1.5	18
48	Exploration of carbamide derived pyrimidine-thioindole conjugates as potential VEGFR-2 inhibitors with anti-angiogenesis effect. European Journal of Medicinal Chemistry, 2020, 200, 112457.	2.6	61
49	Lewis-acid catalyzed dehydrative [3+2] cycloaddition reaction: A facile synthetic approach to spiro-benzoindoline oxindoles. Tetrahedron Letters, 2020, 61, 152007.	0.7	10
50	Microwaveâ€Assisted Regioselective Friedelâ€“Crafts Arylation by BF₃â€‰â‹…â€‰OEt₂: A Facile Synthetic Access to 3â€Substitutedâ€3â€Propargyl Oxindole Scaffolds. ChemistrySelect, 2020, 5, 7004-7012.	0.7	8
51	FeCl 3 â€Catalyzed [3+2] Cycloaddition Reaction: A Mild Synthetic Approach to Spirooxindoloâ€2â€iminothiazolidine Scaffolds. ChemistrySelect, 2020, 5, 2886-2891.	0.7	10
52	Iodineâ€Mediated Oxidative Annulation by Câ€“C Cleavage: A Domino Synthetic Approach to Quinazolinones and Benzo[4,5]imidazo[1,2â€c]quinazolines. ChemistrySelect, 2020, 5, 3923-3928.	0.7	6
53	Î²-Carboline directed regioselective hydroxylation by employing Cu(OAc)₂ and mechanistic investigation by ESI-MS. Organic and Biomolecular Chemistry, 2020, 18, 2307-2311.	1.5	17
54	Ring-opening cyclization of activated spiro-aziridine oxindoles with heteroarenes: a facile synthetic approach to spiro-oxindole-fused pyrroloindolines. RSC Advances, 2020, 10, 16101-16109.	1.7	8

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55	Design and Synthesis of 5â€Morpholinoâ€Thiopheneâ€Indole/ Oxindole Hybrids as Cytotoxic Agents. ChemistrySelect, 2020, 5, 4356-4363.	0.7	10
56	Synthesis of Combretastatinâ€A4 Carboxamidest that Mimic Sulfonyl Piperazines by a Molecular Hybridization Approach: inâ€…vitro Cytotoxicity Evaluation and Inhibition of Tubulin Polymerization. ChemMedChem, 2019, 14, 2052-2060.	1.6	32
57	Iodine-mediated Câ€“N and Nâ€“N bond formation: a facile one-pot synthetic approach to 1,2,3-triazoles under metal-free and azide-free conditions. RSC Advances, 2019, 9, 27021-27031.	1.7	18
58	Design and synthesis of substituted dihydropyrimidinone derivatives as cytotoxic and tubulin polymerization inhibitors. Bioorganic Chemistry, 2019, 93, 103317.	2.0	36
59	Design and synthesis of DNA-intercalative naphthalimide-benzothiazole/cinnamide derivatives: cytotoxicity evaluation and topoisomerase-IIÎ± inhibition. MedChemComm, 2019, 10, 72-79.	3.5	36
60	Synthesis of substituted biphenyl methylene indolinones as apoptosis inducers and tubulin polymerization inhibitors. Bioorganic Chemistry, 2019, 86, 210-223.	2.0	25
61	Microwaveâ€Assisted Oneâ€Pot [3+2] Cycloaddition of Azomethine Ylides and 3â€Alkenyl Oxindoles: A Facile Approach to Pyrrolidineâ€Fused Bisâ€Spirooxindoles. ChemistrySelect, 2019, 4, 1727-1730.	0.7	27
62	Synthesis and in vitro cytotoxicity evaluation of Î²-carboline-combretastatin carboxamides as apoptosis inducing agents: DNA intercalation and topoisomerase-II inhibition. Bioorganic and Medicinal Chemistry, 2019, 27, 3285-3298.	1.4	34
63	Ru(II)-Catalyzed Regioselective Hydroxymethylation of Î²-Carbolines and Isoquinolines via Câ€“H Functionalization: Probing the Mechanism by Online ESI-MS/MS Screening. Journal of Organic Chemistry, 2019, 84, 5504-5513.	1.7	29
64	Iodine-promoted one-pot synthesis of 1,3,4-oxadiazole scaffolds via sp³ Câ€“H functionalization of azaarenes. New Journal of Chemistry, 2019, 43, 15999-16006.	1.4	12
65	Transition metal-free one-pot synthesis of substituted pyrroles by employing aza-Wittig reaction. RSC Advances, 2019, 9, 30659-30665.	1.7	11
66	Diverse Targeted Approaches to Battle Multidrug Resistance in Cancer. Current Medicinal Chemistry, 2019, 26, 7059-7080.	1.2	22
67	Sulfamic acid promoted one-pot synthesis of phenanthrene fused-dihydrodibenzo-quinolinones: Anticancer activity, tubulin polymerization inhibition and apoptosis inducing studies. Bioorganic and Medicinal Chemistry, 2018, 26, 1996-2008.	1.4	33
68	Iodine promoted dual oxidative C(sp³)â€“H amination of 2-methyl-3-arylquinazolin-4(3H)-ones: a facile route to 1,4-diarylimidazo[1,5-a]quinazolin-5(4H)-ones. Organic and Biomolecular Chemistry, 2018, 16, 1720-1727.	1.5	9
69	Microwave-assisted one-pot synthesis of new phenanthrene fused-tetrahydrodibenzo-acridinones as potential cytotoxic and apoptosis inducing agents. European Journal of Medicinal Chemistry, 2018, 151, 173-185.	2.6	28
70	Synthesis of 1,2,4-triazole-linked urea/thiourea conjugates as cytotoxic and apoptosis inducing agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1919-1924.	1.0	42
71	Synthesis of podophyllotoxin linked Î²-carboline congeners as potential anticancer agents and DNA topoisomerase II inhibitors. European Journal of Medicinal Chemistry, 2018, 144, 557-571.	2.6	55
72	Synthesis of New 1,2,3-Triazolo-naphthalimide/phthalimide Conjugates via â€˜Clickâ€™ Reaction: DNA Intercalation and Cytotoxic Studies. Journal of the Brazilian Chemical Society, 2018, , .	0.6	2

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73	H₂Oâ€Mediated Epoxide Ringâ€Opening with Concomitant Câ€“S Bond Formation: A Oneâ€Pot Method to 3â€Hydroxyâ€oxindolinoâ€dithiocarbamates as Cytotoxic Agents. ChemistrySelect, 2018, 3, 6766-6774.	0.7	10
74	Synthesis of enamino-2-oxindoles via conjugate addition between Î±-azido ketones and 3-alkenyl oxindoles: Cytotoxicity evaluation and apoptosis inducing studies. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3564-3573.	1.0	14
75	Design and Synthesis of DNAâ€Interactive Î²â€Carbolineâ€“Oxindole Hybrids as Cytotoxic and Apoptosisâ€Inducing Agents. ChemMedChem, 2018, 13, 1909-1922.	1.6	47
76	Synthesis of DNA interactive C3-trans-cinnamide linked Î²-carboline conjugates as potential cytotoxic and DNA topoisomerase I inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 4916-4929.	1.4	24
77	Synthesis and in vitro cytotoxicity evaluation of Î²-carboline-linked 2,4-thiazolidinedione hybrids: potential DNA intercalation and apoptosis-inducing studies. New Journal of Chemistry, 2018, 42, 16226-16236.	1.4	45
78	Molecular iodine-catalysed oxidative COâ€“C(alkyl) bond cleavage of aryl/heteroaryl alkyl ketones: an efficient strategy to access fused polyheterocycles. New Journal of Chemistry, 2018, 42, 15820-15829.	1.4	27
79	Synthesis of 2,3,6,7-tetramethoxyphenanthren-9-amine: An efficient precursor to access new 4- aza -2,3-dihydropyridophenanthrenes as apoptosis inducing agents. European Journal of Medicinal Chemistry, 2017, 127, 305-317.	2.6	43
80	Design and synthesis of 1,2,3-triazolo-phenanthrene hybrids as cytotoxic agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2369-2376.	1.0	19
81	Conventional and microwave-assisted synthesis of new 1 H -benzimidazole-thiazolidinedione derivatives: A potential anticancer scaffold. European Journal of Medicinal Chemistry, 2017, 138, 234-245.	2.6	66
82	Future of Drug Discovery. , 2017, , 609-629.		3
83	Synthesis of 1,2,3â€Triazoloâ€fusedâ€tetrahydroâ€Î²â€carboline Derivatives via 1,3â€Dipolar Cycloaddition Reaction: Cytotoxicity Evaluation and DNAâ€Binding studies. ChemistrySelect, 2017, 2, 7210-7221.	0.7	22
84	Synthesis of substituted phenanthrene-9-benzimidazole conjugates: Cytotoxicity evaluation and apoptosis inducing studies. European Journal of Medicinal Chemistry, 2017, 140, 128-140.	2.6	24
85	Synthesis of different heterocycles-linked chalcone conjugates as cytotoxic agents and tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 4805-4816.	1.4	36
86	Targeting DNA Minor Groove by Hybrid Molecules as Anticancer Agents. Current Medicinal Chemistry, 2017, 24, 2887-2907.	1.2	50
87	Polymer-supported (-)-8-phenylmenthyl Auxiliary as an Effective Solidphase Chiral Inductor in the Addition of Nucleophiles to N-acyliminium Ions. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 696-702.	0.6	3
88	Microwave-assisted direct oxidative synthesis of Î±-ketoamides from aryl methyl ketones and amines by a water soluble Cu(<scp>i</scp>)-complex. Green Chemistry, 2016, 18, 3439-3447.	4.6	46
89	Design, synthesis and apoptosis inducing effect of novel (Z)-3-(3â€²-methoxy-4â€²-(2-amino-2-oxoethoxy)-benzylidene)indolin-2-ones as potential antitumour agents. European Journal of Medicinal Chemistry, 2016, 118, 34-46.	2.6	60
90	Synthesis and biological evaluation of new benzimidazole-thiazolidinedione hybrids as potential cytotoxic and apoptosis inducing agents. European Journal of Medicinal Chemistry, 2016, 124, 608-621.	2.6	80

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91	Silver(<scp>i</scp>)-catalysed domino alkyne-annulation/Dielsâ€“Alder reaction: a mild synthetic approach to tetrahydrospiro[carbazole-4,3â€²-indoline] scaffolds. Organic Chemistry Frontiers, 2016, 3, 1503-1508.	2.3	43
92	evaluation and apoptosis inducing studies. European Journal of Medicinal Chemistry, 2016, 122, 584-600.	2.6	55
93	A recyclable and water soluble copper(<scp>i</scp>)-catalyst: one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles and their biological evaluation. RSC Advances, 2016, 6, 103556-103566.	1.7	20
94	Design and synthesis of 4â€²-O-alkylamino-tethered-benzylideneindolin-2-ones as potent cytotoxic and apoptosis inducing agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4061-4069.	1.0	23
95	Silver catalyzed domino aza-annulation/Dielsâ€“Alder cyclization of 2-ene-yne anilines: a facile one-pot access to carbazole, dihydrocarbazole and tetrahydrocarbazole frameworks. Chemical Communications, 2016, 52, 4581-4584.	2.2	43
96	Iron-Mediated One-Pot Synthesis of 3,5-Diarylpyridines from Î²-Nitrostyrenes. Journal of Organic Chemistry, 2016, 81, 2159-2165.	1.7	23
97	TBAI/TBHP-catalyzed [3 + 2]cycloaddition/oxidation/aromatization cascade and online ESI-MS mechanistic studies: synthesis of pyrrolo[2,1-a]isoquinolines and indolizino[8,7-b]indoles. RSC Advances, 2016, 6, 2671-2677.	1.7	47
98	Design and synthesis of C3-tethered 1,2,3-triazolo-Î²-carboline derivatives: Anticancer activity, DNA-binding ability, viscosity and molecular modeling studies. Bioorganic Chemistry, 2016, 64, 42-50.	2.0	77
99	Synthesis of Novel C3-Linked ?-Carboline-Pyridine Derivatives Employing Khronke Reaction: DNA-binding Ability and Molecular Modeling Studies. Letters in Drug Design and Discovery, 2016, 13, 335-342.	0.4	23
100	Dithiocarbamate/piperazine bridged pyrrolobenzodiazepines as DNA-minor groove binders: Synthesis, DNA-binding affinity and cytotoxic activity. Bioorganic Chemistry, 2015, 59, 23-30.	2.0	18
101	Design and synthesis of dithiocarbamate linked Î²-carboline derivatives: DNA topoisomerase II inhibition with DNA binding and apoptosis inducing ability. Bioorganic and Medicinal Chemistry, 2015, 23, 5511-5526.	1.4	79
102	Synthesis of 2-aryl-1,2,4-oxadiazolo-benzimidazoles: Tubulin polymerization inhibitors and apoptosis inducing agents. Bioorganic and Medicinal Chemistry, 2015, 23, 4608-4623.	1.4	38
103	A one-pot â€˜clickâ€™ reaction from spiro-epoxides catalyzed by Cu(<scp>i</scp>)-pyrrolidinyl-oxazole-carboxamide. New Journal of Chemistry, 2015, 39, 3973-3981.	1.4	31
104	DNA-binding affinity and anticancer activity of Î²-carbolineâ€“chalcone conjugates as potential DNA intercalators: Molecular modelling and synthesis. Bioorganic Chemistry, 2015, 59, 130-139.	2.0	83
105	Spirooxindole-derived morpholine-fused-1,2,3-triazoles: Design, synthesis, cytotoxicity and apoptosis inducing studies. European Journal of Medicinal Chemistry, 2015, 102, 413-424.	2.6	107
106	An efficient one-pot decarboxylative aromatization of tetrahydro-Î²-carbolines by using N-chlorosuccinimide: total synthesis of norharmane, harmane and eudistomins. RSC Advances, 2015, 5, 90121-90126.	1.7	39
107	One-pot synthesis of podophyllotoxinâ€“thiourea congeners by employing NH2SO3H/NaI: Anticancer activity, DNA topoisomerase-II inhibition, and apoptosis inducing agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4239-4244.	1.0	24
108	H2O-mediated isatin spiro-epoxide ring opening with NaCN: Synthesis of novel 3-tetrazolylmethyl-3-hydroxy-oxindole hybrids and their anticancer evaluation. European Journal of Medicinal Chemistry, 2015, 104, 11-24.	2.6	61

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109	Design and Synthesis of C3â€Pyrazole/Chalconeâ€Linked Betaâ€Carboline Hybrids: Antitopoisomeraseâ€…I, DNAâ€Interactive, and Apoptosisâ€Inducing Anticancer Agents. ChemMedChem, 2014, 9, 2084-2098.	1.6	72
110	Palladiumâ€Catalyzed Aryl Cï£¿H Activation and Tandem orthoâ€Hydroxylation/Alkoxylation of 2â€Aryl Benzimidazoles: Cytotoxicity and DNAâ€Binding Studies. Asian Journal of Organic Chemistry, 2014, 3, 68-76.	1.3	37
111	Design, synthesis and anticancer evaluation of tetrahydro-Î²-carboline-hydantoin hybrids. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5413-5417.	1.0	41
112	Synthesis and biological evaluation of podophyllotoxin congeners as tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5466-5475.	1.4	40
113	Asymmetric Michael addition of ketones to nitroolefins: pyrrolidinyl-oxazole-carboxamides as new efficient organocatalysts. Organic and Biomolecular Chemistry, 2014, 12, 8008-8018.	1.5	24
114	Synthesis and biological evaluation of 4-aza-2,3-dihydropyridophenanthrolines as tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3356-3360.	1.0	25
115	4Î²-[4â€²-(1-(Aryl)ureido)benzamide]podophyllotoxins as DNA topoisomerase I and IIÎ± inhibitors and apoptosis inducing agents. Bioorganic and Medicinal Chemistry, 2013, 21, 5198-5208.	1.4	28
116	Copper Oxide Nanoparticles Supported on Graphene Oxideâ€•Catalyzed Sâ€Arylation: An Efficient and Ligandâ€Free Synthesis of Aryl Sulfides. Advanced Synthesis and Catalysis, 2013, 355, 2297-2307.	2.1	69
117	AlCl3â€“NaI assisted cleavage of polymer-bound esters with concomitant amine coupling and azido-reductive cyclization: synthesis of pyrrolobenzodiazepine derivatives. Tetrahedron Letters, 2013, 54, 4435-4441.	0.7	12
118	Isolation, Synthesis and Biological Evaluation of Phenylpropanoids from the Rhizomes of Alpania galanga. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	1
119	Water mediated Heck and Ullmann couplings by supported palladium nanoparticles: importance of surface polarity of the carbon spheres. Green Chemistry, 2012, 14, 2513.	4.6	91
120	Enantioselective total synthesis of (S)-(+)-lennoxamine through asymmetric hydrogenation mediated by l-proline-tetrazole ruthenium catalyst. Tetrahedron Letters, 2012, 53, 3672-3675.	0.7	18
121	A One-Pot Azido Reductive Tandem Mono-N-Alkylation Employing Dialkylboron Triflates: Online ESI-MS Mechanistic Investigation. Journal of Organic Chemistry, 2011, 76, 7017-7026.	1.7	22
122	Synthesis and anticancer activity of chalcone-pyrrolobenzodiazepine conjugates linked via 1,2,3-triazole ring side-armed with alkane spacers. European Journal of Medicinal Chemistry, 2011, 46, 3820-3831.	2.6	124
123	An efficient one-pot synthesis of benzothiazolo-4Î²-anilino-podophyllotoxin congeners: DNA topoisomerase-II inhibition and anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 350-353.	1.0	42
124	Short Total Synthesis of (-)-Lupinine and (-)-Epiquinamide by Double Mitsunobu Reaction. Synthesis, 2011, 2011, 51-56.	1.2	17
125	Total Synthesis of Rutaecarpine and Analogues by Tandem Azido Reductive Cyclization Assisted by Microwave Irradiation. Synlett, 2011, 2011, 61-64.	1.0	13
126	Synthesis and potential cytotoxic activity of new phenanthrylphenol-pyrrolobenzodiazepines. European Journal of Medicinal Chemistry, 2010, 45, 2173-2181.	2.6	24

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127	Synthesis of bis-1,2,3-triazolo-bridged unsymmetrical pyrrolobenzodiazepine trimers via â€˜clickâ€™ chemistry and their DNA-binding studies. Tetrahedron, 2010, 66, 5498-5506.	1.0	31
128	Asymmetric syntheses of piperidino-benzodiazepines through â€˜cation-poolâ€™ host/guest supramolecular approach and their DNA-binding studies. Tetrahedron: Asymmetry, 2010, 21, 2625-2630.	1.8	14
129	Short synthesis of noscapine, bicuculline, egenine, capnoidine, and corytensine alkaloids through the addition of 1-siloxy-isobenzofurans to imines. Tetrahedron Letters, 2010, 51, 1770-1773.	0.7	19
130	Studies towards the construction of quaternary indolizidines by [2,3]-sigmatropic rearrangement cocatalyzed by ionic liquid. Journal of the Brazilian Chemical Society, 2009, 20, 813-819.	0.6	15
131	Chemoselective Aromatic Azido Reduction with Concomitant Aliphatic Azide Employing Al/Gd Triflates/NaI and ESIâ€MS Mechanistic Studies. Chemistry - A European Journal, 2009, 15, 7215-7224.	1.7	53
132	Enantioselective total synthesis of pyrroloquinolone as a potent PDE5 inhibitor. Tetrahedron Letters, 2009, 50, 520-523.	0.7	32
133	Novel Supramolecular Palladium Catalyst for the Asymmetric Reduction of Imines in Aqueous Media. Organic Letters, 2009, 11, 3238-3241.	2.4	71
134	Enantioselective total synthesis of (S)-(â^)-quinolactacin B. Tetrahedron Letters, 2008, 49, 4289-4291.	0.7	42
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