Ahmed Kamal

List of Publications by Year
in descending order

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345	10,875	36271	88593
papers	citations	51 h-index	70 g-index

354	354	354	10173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design, synthesis and biological evaluation of 1,3-diphenyl-1 H -pyrazole derivatives containing benzimidazole skeleton as potential anticancer and apoptosis inducing agents. European Journal of Medicinal Chemistry, 2015, 101, 790-805.	2.6	156
2	Synthesis of 1,2,3-triazole-linked pyrrolobenzodiazepine conjugates employing â€˜clickâ€™ chemistry: DNA-binding affinity and anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1468-1473.	1.0	145
3	Synthesis and biological evaluation of 3,5-diaryl isoxazoline/isoxazole linked 2,3-dihydroquinazolinone hybrids as anticancer agents. European Journal of Medicinal Chemistry, 2011, 46, 691-703.	2.6	145
4	Design, synthesis and biological evaluation of imidazopyridine/pyrimidine-chalcone derivatives as potential anticancer agents. MedChemComm, 2010, 1, 355.	3.5	132
5	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
6	Synthesis of 3,3-diindolyl oxyindoles efficiently catalysed by FeCl3 and their in vitro evaluation for anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5229-5231.	1.0	116
7	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
8	Naphthalimide derivatives with therapeutic characteristics: a patent review. Expert Opinion on Therapeutic Patents, 2013, 23, 299-317.	2.4	103
9	Synthesis, DNA-binding ability and anticancer activity of benzothiazole/benzoxazoleâ€“pyrrolo[2,1-c][1,4]benzodiazepine conjugates. Bioorganic and Medicinal Chemistry, 2010, 18, 4747-4761.	1.4	101
10	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
11	Design, Synthesis, and Evaluation of New Noncross-Linking Pyrrolobenzodiazepine Dimers with Efficient DNA Binding Ability and Potent Antitumor Activity. Journal of Medicinal Chemistry, 2002, 45, 4679-4688.	2.9	89
12	Therapeutic potential of benzothiazoles: a patent review (2010 â€“ 2014). Expert Opinion on Therapeutic Patents, 2015, 25, 335-349.	2.4	89
13	Glycogen synthase kinase-3 and its inhibitors: Potential target for various therapeutic conditions. European Journal of Medicinal Chemistry, 2018, 144, 843-858.	2.6	88
14	Design and synthesis of pyrazoleâ€“oxindole conjugates targeting tubulin polymerization as new anticancer agents. European Journal of Medicinal Chemistry, 2015, 92, 501-513.	2.6	86
15	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
16	Chemoenzymatic Synthesis of Pyrrolo[2,1-b]quinazolinones:Â Lipase-Catalyzed Resolution of Vasicinoneâ€. Journal of Organic Chemistry, 2001, 66, 997-1001.	1.7	82
17	Recent Developments in the Design, Synthesis and Structure-Activity Relationship Studies of Pyrrolo[2,1-c][1,4]benzodiazepines as DNA-Interactive Antitumour Antibiotics. Anti-Cancer Agents in Medicinal Chemistry, 2002, 2, 215-254.	7.0	82
18	Synthesis of a new class of 2-anilino substituted nicotinyl arylsulfonylhydrazides as potential anticancer and antibacterial agents. Bioorganic and Medicinal Chemistry, 2007, 15, 1004-1013.	1.4	82

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19	Synthesis and anticancer activity of oxindole derived imidazo[1,5-a]pyrazines. European Journal of Medicinal Chemistry, 2011, 46, 2427-2435.	2.6	81
20	Synthesis of pyrazolo[1,5-a]pyrimidine linked aminobenzothiazole conjugates as potential anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3208-3215.	1.0	81
21	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
22	An efficient synthesis of bis(indolyl)methanes and evaluation of their antimicrobial activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 559-565.	2.5	78
23	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
24	Synthesis and biological evaluation of pyrazoloâ€“triazole hybrids as cytotoxic and apoptosis inducing agents. Organic and Biomolecular Chemistry, 2015, 13, 10136-10149.	1.5	75
25	Quinazolinone linked pyrrolo[2,1-c][1,4]benzodiazepine (PBD) conjugates: Design, synthesis and biological evaluation as potential anticancer agents. Bioorganic and Medicinal Chemistry, 2010, 18, 526-542.	1.4	74
26	2-Anilinonicotinyl linked 1,3,4-oxadiazole derivatives: Synthesis, antitumour activity and inhibition of tubulin polymerization. MedChemComm, 2011, 2, 819.	3.5	74
27	Solid-phase synthesis of new pyrrolobenzodiazepineâ€“chalcone conjugates: DNA-binding affinity and anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2434-2439.	1.0	72
28	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
29	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
30	Design, synthesis and biological evaluation of 3,5-diaryl-isoxazoline/isoxazole-pyrrolobenzodiazepine conjugates as potential anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 3924-3937.	2.6	68
31	Microwave enhanced reduction of nitro and azido arenes to N-arylformamides employing Znâ€“HCOONH4: synthesis of 4(3H)-quinazolinones and pyrrolo[2,1-c][1,4]benzodiazepines. Tetrahedron Letters, 2004, 45, 6517-6521.	0.7	66
32	One-Pot, Three-Component Approach to the Synthesis of 3,4,5-Trisubstituted Pyrazoles. Journal of Organic Chemistry, 2015, 80, 4325-4335.	1.7	66
33	Recent Advances in the Solid-Phase Combinatorial Synthetic Strategies for the Quinoxaline, Quinazoline and Benzimidazole Based Privileged Structures. Mini-Reviews in Medicinal Chemistry, 2006, 6, 71-89.	1.1	65
34	Regioselective synthesis, antimicrobial evaluation and theoretical studies of 2-styryl quinolines. Organic and Biomolecular Chemistry, 2015, 13, 1347-1357.	1.5	65
35	Pyrazolo-benzothiazole hybrids: Synthesis, anticancer properties and evaluation of antiangiogenic activity using inÂvitro VEGFR-2 kinase and inÂvivo transgenic zebrafish model. European Journal of Medicinal Chemistry, 2019, 182, 111609.	2.6	65
36	Synthesis and anti-cancer activity of chalcone linked imidazolones. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4865-4869.	1.0	64

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37	Synthesis and biological evaluation of curcumin inspired indole analogues as tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2017, 127, 100-114.	2.6	63
38	Recent advances in combretastatin based derivatives and prodrugs as antimitotic agents. MedChemComm, 2017, 8, 1592-1603.	3.5	63
39	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
40	Synthesis of a new 4-aza-2,3-didehydropodophyllotoxin analogues as potent cytotoxic and antimitotic agents. Bioorganic and Medicinal Chemistry, 2011, 19, 2349-2358.	1.4	59
41	Synthesis and biological evaluation of spiro[cyclopropane-1,3â€²-indolin]-2â€²-ones as potential anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4580-4586.	1.0	59
42	VOSO 4 catalyzed highly efficient synthesis of benzimidazoles, benzothiazoles, and quinoxalines. Tetrahedron Letters, 2016, 57, 4012-4016.	0.7	57
43	Recent Advances in the Solid-Phase Combinatorial Synthetic Strategies for the Benzodiazepine Based Privileged Structures. Mini-Reviews in Medicinal Chemistry, 2006, 6, 53-69.	1.1	56
44	Synthesis and apoptosis inducing ability of new anilino substituted pyrimidine sulfonamides as potential anticancer agents. European Journal of Medicinal Chemistry, 2011, 46, 5817-5824.	2.6	56
45	Design and synthesis of benzo[c,d]indolone-pyrrolobenzodiazepine conjugates as potential anticancer agents. Bioorganic and Medicinal Chemistry, 2012, 20, 789-800.	1.4	56
46	Design and synthesis of C-8 linked pyrrolobenzodiazepineâ€“naphthalimide hybrids as anti-tumour agents. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1933-1935.	1.0	55
47	Podophyllotoxin derivatives: a patent review (2012 â€“ 2014). Expert Opinion on Therapeutic Patents, 2015, 25, 1025-1034.	2.4	55
48	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
49	Synthesis and anticancer activity of 4Î²-alkylamidochalcone and 4Î²-cinnamido linked podophyllotoxins as apoptotic inducing agents. European Journal of Medicinal Chemistry, 2012, 47, 530-545.	2.6	54
50	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
51	Synthesis of Imidazothiazoleâ€“Chalcone Derivatives as Anticancer and Apoptosis Inducing Agents. ChemMedChem, 2010, 5, 1937-1947.	1.6	53
52	Design, synthesis and biological evaluation of N -((1-benzyl-1 H -1,2,3-triazol-4-yl)methyl)-1,3-diphenyl-1 H -pyrazole-4-carboxamides as CDK1/Cdc2 inhibitors. European Journal of Medicinal Chemistry, 2016, 122, 164-177.	2.6	52
53	Synthesis of 4Î²-amido and 4Î²-sulphonamido analogues of podophyllotoxin as potential antitumour agents. Bioorganic and Medicinal Chemistry, 2003, 11, 5135-5142.	1.4	51
54	Synthesis of Î²-carbolineâ€“benzimidazole conjugates using lanthanum nitrate as a catalyst and their biological evaluation. Organic and Biomolecular Chemistry, 2014, 12, 2370-2387.	1.5	51

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55	Synthesis and biological evaluation of cis -restricted triazole/tetrazole mimics of combretastatin-benzothiazole hybrids as tubulin polymerization inhibitors and apoptosis inducers. Bioorganic and Medicinal Chemistry, 2017, 25, 977-999.	1.4	51
56	Application of triazoles as bioisosteres and linkers in the development of microtubule targeting agents. RSC Medicinal Chemistry, 2020, 11, 327-348.	1.7	51
57	4 Î² -amidotriazole linked podophyllotoxin congeners: DNA topoisomerase-IIÎ± inhibition and potential anticancer agents for prostate cancer. European Journal of Medicinal Chemistry, 2018, 144, 595-611.	2.6	50
58	Î²-Carbolines as potential anticancer agents. European Journal of Medicinal Chemistry, 2021, 216, 113321.	2.6	50
59	Remarkable DNA binding affinity and potential anticancer activity of pyrrolo[2,1-c][1,4]benzodiazepineâ€“naphthalimide conjugates linked through piperazine side-armed alkane spacers. Bioorganic and Medicinal Chemistry, 2008, 16, 7218-7224.	1.4	48
60	Design and synthesis of imidazo[2,1-b]thiazole linked triazole conjugates: Microtubule-destabilizing agents. European Journal of Medicinal Chemistry, 2017, 126, 36-51.	2.6	48
61	Synthesis of (Z)-1-(1,3-diphenyl-1 H -pyrazol-4-yl)-3-(phenylamino)prop-2-en-1-one derivatives as potential anticancer and apoptosis inducing agents. European Journal of Medicinal Chemistry, 2016, 117, 157-166.	2.6	47
62	Combretastatin linked 1,3,4-oxadiazole conjugates as a Potent Tubulin Polymerization inhibitors. Bioorganic Chemistry, 2016, 65, 126-136.	2.0	47
63	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
64	Synthesis of benzo[d]imidazo[2,1- b]thiazole-chalcone conjugates as microtubule targeting and apoptosis inducing agents. Bioorganic Chemistry, 2018, 76, 1-12.	2.0	47
65	Synthesis of C8-linked pyrrolo[2,1-c][1,4]benzodiazepine-acridone/acridine hybrids as potential DNA-binding agents. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4107-4111.	1.0	46
66	Anti-tubercular agents. Part 3. Benzothiadiazine as a novel scaffold for anti-Mycobacterium activity. Bioorganic and Medicinal Chemistry, 2006, 14, 650-658.	1.4	46
67	Synthesis, DNA binding, and cytotoxicity studies of pyrrolo[2,1-c][1,4]benzodiazepine-anthraquinone conjugates. Bioorganic and Medicinal Chemistry, 2007, 15, 6868-6875.	1.4	46
68	A new facile chemoenzymatic synthesis of levamisole. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 613-615.	1.0	45
69	PhI(OAc)₂-mediated one-pot oxidative decarboxylation and aromatization of tetrahydro-Î²-carbolines: synthesis of norharmane, harmane, eudistomin U and eudistomin I. Organic and Biomolecular Chemistry, 2015, 13, 8652-8662.	1.5	45
70	Design, synthesis and biological evaluation of imidazopyridine/imidazopyrimidine-benzimidazole conjugates as potential anticancer agents. MedChemComm, 2015, 6, 606-612.	3.5	45
71	Synthesis of new benzimidazole linked pyrrolo[2,1-c][1,4]benzodiazepine conjugates with efficient DNA-binding affinity and potent cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2594-2598.	1.0	44
72	Remarkable enhancement in the DNA-binding ability of C2-fluoro substituted pyrrolo[2,1-c][1,4]benzodiazepines and their anticancer potential. Bioorganic and Medicinal Chemistry, 2009, 17, 1557-1572.	1.4	44

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73	Synthesis of chalcone-amidobenzothiazole conjugates as antimitotic and apoptotic inducing agents. Bioorganic and Medicinal Chemistry, 2012, 20, 3480-3492.	1.4	44
74	Design, synthesis and biological evaluation of new Î²-carboline-bisindole compounds as DNA binding, photocleavage agents and topoisomerase I inhibitors. European Journal of Medicinal Chemistry, 2018, 143, 1563-1577.	2.6	44
75	Solid-Phase Synthesis of a Library of Pyrrolo[2,1-c][1,4]benzodiazepine-5,11-diones with Potential Antitubercular Activity. ACS Combinatorial Science, 2007, 9, 29-42.	3.3	43
76	1,2,4-Benzothiadiazine linked pyrrolo[2,1-c][1,4]benzodiazepine conjugates: Synthesis, DNA-binding affinity and cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5345-5348.	1.0	43
77	Synthesis of terphenyl benzimidazoles as tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2012, 50, 9-17.	2.6	43
78	Synthesis, anticancer activity and apoptosis inducing ability of bisindole linked pyrrolo[2,1-c][1,4]benzodiazepine conjugates. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 571-578.	1.0	43
79	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
80	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
81	Antitubercular agents. Part 2: New thiolactomycin analogues active against Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1927-1929.	1.0	42
82	Synthesis, DNA-binding ability and evaluation of antitumour activity of triazolo[1,2,4]benzothiadiazine linked pyrrolo[2,1-c][1,4]benzodiazepine conjugates. Bioorganic and Medicinal Chemistry, 2008, 16, 7804-7810.	1.4	42
83	Synthesis and biological evaluation of conformationally flexible as well as restricted dimers of monastrol and related dihydropyrimidones. European Journal of Medicinal Chemistry, 2011, 46, 3274-3281.	2.6	42
84	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
85	Synthesis of (Z)-(arylamino)-pyrazolyl/isoxazolyl-2-propenones as tubulin targeting anticancer agents and apoptotic inducers. Organic and Biomolecular Chemistry, 2015, 13, 3416-3431.	1.5	42
86	Copper-catalyzed three-component synthesis of aminonaphthoquinoneâ€“sulfonylamidine conjugates and in vitro evaluation of their antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2072-2076.	1.0	42
87	Synthesis and biological evaluation of pyrazole linked benzothiazole-Î²-naphthol derivatives as topoisomerase I inhibitors with DNA binding ability. Bioorganic and Medicinal Chemistry, 2019, 27, 708-720.	1.4	42
88	Design, synthesis and anticancer evaluation of tetrahydro-Î²-carboline-hydantoin hybrids. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5413-5417.	1.0	41
89	Investigations Towards the Chemoselective Thioacetaliztion of Carbonyl Compounds by Using Ionic Liquid[bmim]Br as a Recyclable Catalytic Medium. Advanced Synthesis and Catalysis, 2004, 346, 579-582.	2.1	40
90	Synthesis and biological evaluation of podophyllotoxin congeners as tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5466-5475.	1.4	40

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91	Synthesis of arylpyrazole linked benzimidazole conjugates as potential microtubule disruptors. Bioorganic and Medicinal Chemistry, 2015, 23, 1082-1095.	1.4	40
92	Design, synthesis, in silico pharmacokinetics prediction and biological evaluation of 1,4-dihydroindeno[1,2-c]pyrazole chalcone as EGFR /Akt pathway inhibitors. European Journal of Medicinal Chemistry, 2019, 163, 636-648.	2.6	40
93	3â€Substituted 2â€Phenylimidazo[2,1â€b]benzothiazoles: Synthesis, Anticancer Activity, and Inhibition of Tubulin Polymerization. ChemMedChem, 2012, 7, 292-300.	1.6	39
94	Anti-tubercular agents. Part 8: Synthesis, antibacterial and antitubercular activity of 5-nitrofuran based 1,2,3-triazoles. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6842-6846.	1.0	39
95	Synthesis of phenstatin/isocombretastatinâ€“chalcone conjugates as potent tubulin polymerization inhibitors and mitochondrial apoptotic inducers. Organic and Biomolecular Chemistry, 2015, 13, 3963-3981.	1.5	39
96	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
97	Synthesis and biological evaluation of curcumin inspired imidazo[1,2-a]pyridine analogues as tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2018, 143, 216-231.	2.6	39
98	The design and development of imidazothiazoleâ€“chalcone derivatives as potential anticancer drugs. Expert Opinion on Drug Discovery, 2013, 8, 289-304.	2.5	38
99	Synthesis and biological evaluation of imidazo[1,5-a]pyridine-benzimidazole hybrids as inhibitors of both tubulin polymerization and PI3K/Akt pathway. Organic and Biomolecular Chemistry, 2014, 12, 9864-9880.	1.5	38
100	Pyrazoleâ€“oxadiazole conjugates: synthesis, antiproliferative activity and inhibition of tubulin polymerization. Organic and Biomolecular Chemistry, 2014, 12, 7993-8007.	1.5	38
101	Rapid Access to Novel 1,2,3-Triazolo-Heterocyclic Scaffolds via Tandem Knoevenagel Condensation/Azideâ€“Alkyne 1,3-Dipolar Cycloaddition Reaction in One Pot. ACS Combinatorial Science, 2014, 16, 466-477.	3.8	38
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	Synthesis and Biological Evaluation of 1,2,3â€triazole tethered Pyrazoline and Chalcone Derivatives. Chemical Biology and Drug Design, 2016, 88, 97-109.	1.5	38
104	Design and synthesis of cis-restricted benzimidazole and benzothiazole mimics of combretastatin A-4 as antimitotic agents with apoptosis inducing ability. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4527-4535.	1.0	38
105	A facile I₂-catalyzed synthesis of imidazo[1,2-a]pyridines via sp³ Câ€“H functionalization of azaarenes and evaluation of anticancer activity. Organic and Biomolecular Chemistry, 2017, 15, 6780-6791.	1.5	38
106	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
107	Synthesis and biological evaluation of imidazo[2,1-b]thiazole-benzimidazole conjugates as microtubule-targeting agents. Bioorganic Chemistry, 2018, 77, 515-526.	2.0	37
108	Synthesis, biological evaluation, and molecular docking analysis of phenstatin based indole linked chalcones as anticancer agents and tubulin polymerization inhibitors. Bioorganic Chemistry, 2020, 105, 104447.	2.0	37

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109	Synthesis and Biological Evaluation of Imidazopyridineâ€“Oxindole Conjugates as Microtubuleâ€Targeting Agents. ChemMedChem, 2013, 8, 2015-2025.	1.6	36
110	Synthesis, biological evaluation of new oxazolidino-sulfonamides as potential antimicrobial agents. European Journal of Medicinal Chemistry, 2013, 62, 661-669.	2.6	36
111	Design, synthesis and biological evaluation of 1, 4-dihydro indeno[1,2- c] pyrazole linked oxindole analogues as potential anticancer agents targeting tubulin and inducing p53 dependent apoptosis. European Journal of Medicinal Chemistry, 2018, 144, 104-115.	2.6	36
112	Design and synthesis of DNA-intercalative naphthalimide-benzothiazole/cinnamide derivatives: cytotoxicity evaluation and topoisomerase-IIÎ± inhibition. MedChemComm, 2019, 10, 72-79.	3.5	36
113	Development of Pyrrolo[2,1â€c][1,4]benzodiazepine Î²â€Galactoside Prodrugs for Selective Therapy of Cancer by ADEPT and PMT. ChemMedChem, 2008, 3, 794-802.	1.6	35
114	Synthesis and biological evaluation of imidazopyridinyl-1,3,4-oxadiazole conjugates as apoptosis inducers and topoisomerase IIÎ± inhibitors. Bioorganic Chemistry, 2016, 69, 7-19.	2.0	35
115	Regioselective Ring Expansion of Isatins with In Situ Generated Î±-Aryldiazomethanes: Direct Access to Viridicatin Alkaloids. Organic Letters, 2018, 20, 3639-3642.	2.4	35
116	Synthesis and antitumour activity of pyrene-linked pyrrolo [2,1-c]benzodiazepine hybrids. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 471-474.	1.0	34
117	Characterization of Improved Sweet Sorghum Genotypes for Biochemical Parameters, Sugar Yield and Its Attributes at Different Phenological Stages. Sugar Tech, 2010, 12, 322-328.	0.9	34
118	2-Anilinonicotinyl linked 2-aminobenzothiazoles and [1,2,4]triazolo[1,5-b] [1,2,4]benzothiadiazine conjugates as potential mitochondrial apoptotic inducers. Bioorganic and Medicinal Chemistry, 2011, 19, 7136-7150.	1.4	34
119	Synthesis and biological evaluation of combretastatin-amidobenzothiazole conjugates as potential anticancer agents. European Journal of Medicinal Chemistry, 2012, 56, 166-178.	2.6	34
120	Synthesis and Biological Evaluation of Benzo[b]furans as Inhibitors of Tubulin Polymerization and Inducers of Apoptosis. ChemMedChem, 2014, 9, 117-128.	1.6	34
121	Apoptosis-inducing agents: a patent review (2010 â€“ 2013). Expert Opinion on Therapeutic Patents, 2014, 24, 339-354.	2.4	34
122	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
123	Bioconversion of Acrylonitrile to Acrylic Acid by Rhodococcus ruber Strain AKSH-84. Journal of Microbiology and Biotechnology, 2011, 21, 37-42.	0.9	34
124	Synthesis and biological evaluation of new 4Î²-anilino- and 4Î²-imido-substituted podophyllotoxin congeners. Bioorganic and Medicinal Chemistry, 2005, 13, 6218-6225.	1.4	33
125	Synthesis of 4Î²-carbamoyl epipodophyllotoxins as potential antitumour agents. Bioorganic and Medicinal Chemistry, 2011, 19, 2975-2979.	1.4	33
126	Synthesis and biological evaluation of phaitanthrin congeners as anti-mycobacterial agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3867-3872.	1.0	33

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127	Sulfamic acid promoted one-pot three-component synthesis and cytotoxic evaluation of spirooxindoles. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2199-2202.	1.0	33
128	Discovery of pyrrolospirooxindole derivatives as novel cyclin dependent kinase 4 (CDK4) inhibitors by catalyst-free, green approach. European Journal of Medicinal Chemistry, 2016, 108, 476-485.	2.6	33
129	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
130	Imidazopyridine linked triazoles as tubulin inhibitors, effectively triggering apoptosis in lung cancer cell line. Bioorganic Chemistry, 2018, 80, 714-720.	2.0	33
131	Synthesis of novel C2 and C2â€“C8 linked pyrrolo[2,1- c][1,4]benzodiazepine-naphthalimide hybrids as DNA-binding agents. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3577-3581.	1.0	32
132	Antitubercular agents. Part 1: Synthesis of phthalimido- and naphthalimido-linked phenazines as new prototype antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1923-1926.	1.0	32
133	Efforts Towards the Development of New Antitubercular Agents: Potential for Thiolactomycin Based Compounds. Journal of Pharmacy and Pharmaceutical Sciences, 2008, 11, 56.	0.9	32
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