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	Novel approaches for the development of direct KRAS inhibitors: structural insights and drug design. Expert Opinion on Drug Discovery, 2022, 17, 247-257.	2.5	5
2	Synthesis and characterization of novel combretastatin analogues of 1,1-diaryl vinyl sulfones, with antiproliferative potential via in-silico and in-vitro studies. Scientific Reports, 2022, 12, 1901.	1.6	6
3	Novel linezolid-based oxazolidinones as potent anticandidiasis and antitubercular agents. Bioorganic Chemistry, 2022, 126, 105869.	2.0	14
4	Stereoselective synthesis of (Z)-1,3-bis(Î±,Î²-unsaturated carbonyl)-isoindolines from aldehydes and phenacyl azides under metal free conditions. Chemical Communications, 2021, 57, 9542-9545.	2.2	2
5	Identification and characterization of in vitro and in vivo fidarestat metabolites: Toxicity and efficacy evaluation of metabolites. Journal of Mass Spectrometry, 2021, 56, e4694.	0.7	0
6	In-silico driven design and development of spirobenzimidazo-quinazolines as potential DNA gyrase inhibitors. Biomedicine and Pharmacotherapy, 2021, 134, 111132.	2.5	9
7	Î²-Carbolines as potential anticancer agents. European Journal of Medicinal Chemistry, 2021, 216, 113321.	2.6	50
8	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
9	New indenopyrazole linked oxadiazole conjugates as anti-pancreatic cancer agents: Design, synthesis, in silico studies including 3D-QSAR analysis. Bioorganic and Medicinal Chemistry Letters, 2021, 44, 128094.	1.0	4
10	Identification, characterization and evaluation of novel antifungal cyclic peptides from Neobacillus drentensis. Bioorganic Chemistry, 2021, 115, 105180.	2.0	8
11	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
12	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
13	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
14	New imidazo[2,1-b]thiazole-based aryl hydrazones: unravelling their synthesis and antiproliferative and apoptosis-inducing potential. RSC Medicinal Chemistry, 2020, 11, 1178-1184.	1.7	18
15	Discovery of Novel Tankyrase Inhibitors through Molecular Docking-Based Virtual Screening and Molecular Dynamics Simulation Studies. Molecules, 2020, 25, 3171.	1.7	18
16	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
17	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
18	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

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19	Synthetic lethality on drug discovery: an update on cancer therapy. Expert Opinion on Drug Discovery, 2020, 15, 823-832.	2.5	12
20	Application of triazoles as bioisosteres and linkers in the development of microtubule targeting agents. RSC Medicinal Chemistry, 2020, 11, 327-348.	1.7	51
21	Design and Synthesis of 5â€Morpholinoâ€Thiopheneâ€Indole/ Oxindole Hybrids as Cytotoxic Agents. ChemistrySelect, 2020, 5, 4356-4363.	0.7	10
22	Zinc Dependent Histone Deacetylase Inhibitors in Cancer Therapeutics: Recent Update. Current Medicinal Chemistry, 2020, 26, 7212-7280.	1.2	16
23	Evaluation of Anticancer and Anti-Mitotic Properties of Quinazoline and Quinazolino-Benzothiadiazine Derivatives. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 599-611.	0.9	4
24	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
25	Design and synthesis of 4Î²-Acetamidobenzofuranone-podophyllotoxin hybrids and their anti-cancer evaluation. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2153-2156.	1.0	18
26	Time-Domain Analysis of Molecular Dynamics Trajectories Using Deep Neural Networks: Application to Activity Ranking of Tankyrase Inhibitors. Journal of Chemical Information and Modeling, 2019, 59, 3519-3532.	2.5	23
27	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
28	Synthesis of new triazole fused imidazo[2,1-b]thiazole hybrids with emphasis on Staphylococcus aureus virulence factors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126621.	1.0	17
29	Transition-Metal-Free One-Pot Tandem Synthesis of 3-Ketoisoquinolines from Aldehydes and Phenacyl Azides. Journal of Organic Chemistry, 2019, 84, 12334-12343.	1.7	13
30	Design and synthesis of DNA-intercalative naphthalimide-benzothiazole/cinnamide derivatives: cytotoxicity evaluation and topoisomerase-IIÎ± inhibition. MedChemComm, 2019, 10, 72-79.	3.5	36
31	Synthesis of substituted biphenyl methylene indolinones as apoptosis inducers and tubulin polymerization inhibitors. Bioorganic Chemistry, 2019, 86, 210-223.	2.0	25
32	Multicomponent access to novel proline/cyclized cysteine tethered monastrol conjugates as potential anticancer agents. Journal of Saudi Chemical Society, 2019, 23, 503-513.	2.4	21
33	Styryl quinazolinones and its ethynyl derivatives induce myeloid differentiation. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2286-2289.	1.0	2
34	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
35	Synthesis of 2-anilinopyridyl linked benzothiazole hydrazones as apoptosis inducing cytotoxic agents. New Journal of Chemistry, 2019, 43, 7150-7161.	1.4	23
36	Oneâ€Pot Synthesis and Biological Evaluation of Arylpropenone Aminochalcone Conjugates as Potential Apoptotic Inducers. ChemistrySelect, 2019, 4, 4672-4678.	0.7	1

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37	Design, synthesis, and antimicrobial evaluation of 1,4-dihydroindeno[1,2-c]pyrazole tethered carbohydrazide hybrids: exploring theirin silicoADMET, ergosterol inhibition and ROS inducing potential. MedChemComm, 2019, 10, 806-813.	3.5	19
38	Synthesis and biological evaluation of new bisindole-imidazopyridine hybrids as apoptosis inducers. Bioorganic Chemistry, 2019, 87, 484-494.	2.0	12
39	Synthesis and biological evaluation of phenyl-amino-pyrimidine and indole/oxindole conjugates as potential BCR-ABL inhibitors. Medicinal Chemistry Research, 2019, 28, 633-645.	1.1	6
40	Design, Synthesis and Biological Evaluation of Substituted (1â€(4â€chlorobenzyl)â€1Hâ€indolâ€3â€yl) 1Hâ€(1,2,3â€triazolâ€4â€yl)methanones as Antifungal Agents. ChemistrySelect, 2019, 4, 2258-2266.	0.7	6
41	Synthesis of new bisâ€pyrazole linked hydrazides and their in vitro evaluation as antimicrobial and antiâ€biofilm agents: A mechanistic role on ergosterol biosynthesis inhibition in Candida albicans. Chemical Biology and Drug Design, 2019, 94, 1339-1351.	1.5	10
42	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
43	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
44	Synthesis and biological evaluation of 1-benzyl-N-(2-(phenylamino)pyridin-3-yl)-1H-1,2,3-triazole-4-carboxamides as antimitotic agents. Bioorganic Chemistry, 2019, 83, 535-548.	2.0	15
45	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
46	Efficient and green sulfamic acid catalyzed synthesis of new 1,2-dihydroquinazoline derivatives with antibacterial potential. Arabian Journal of Chemistry, 2019, 12, 3546-3554.	2.3	12
47	Peptides as Potential Anticancer Agents. Current Topics in Medicinal Chemistry, 2019, 19, 1491-1511.	1.0	28
48	Synthesis of Benzo[d]imidazo[2,1-b]thiazole-Propenone Conjugates as Cytotoxic and Apoptotic Inducing Agents. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 347-355.	0.9	8
49	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
50	Synthesis and Biological Evaluation of Thieno[2,â€‰3â€d]pyrimidineâ€amides as Potential Anticancer Agents. ChemistrySelect, 2018, 3, 3101-3106.	0.7	4
51	Curcumin inspired 2-chloro/phenoxy quinoline analogues: Synthesis and biological evaluation as potential anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 892-898.	1.0	28
52	Vanadiumâ€Catalyzed Nâ€Benzoylation of 2â€Aminopyridines via Oxidative C(CO)â^'C(CO) Bond Cleavage of 1,2â€Diketones, Nâ†'Nâ€² Aroyl Migration and Hydrolysis of 2â€(Diaroylamino)pyridines. Asian Journal of Organic Chemistry, 2018, 7, 865-869.	1.3	3
53	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
54	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

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55	Iodine mediated oxidative cross-coupling of unprotected anilines and heteroarylation of benzothiazoles with 2-methylquinoline. Organic and Biomolecular Chemistry, 2018, 16, 635-644.	1.5	16
56	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
57	An efficient RuCl 3 Â·H 2 O/I 2 catalytic system: A facile access to 3-aroylimidazo[1,2- a]pyridines from 2-aminopyridines and chalcones. Journal of Saudi Chemical Society, 2018, 22, 90-100.	2.4	7
58	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
59	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
60	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
61	New (3-(1H-benzo[d]imidazol-2-yl))/(3-(3H-imidazo[4,5-b]pyridin-2-yl))-(1H-indol-5-yl)(3,4,5-trimethoxyphenyl)methanone conjugates as tubulin polymerization inhibitors. MedChemComm, 2018, 9, 275-281.	3.5	11
62	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
63	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
64	Synthesis of imidazo-thiadiazole linked indolinone conjugates and evaluated their microtubule network disrupting and apoptosis inducing ability. Bioorganic Chemistry, 2018, 76, 420-436.	2.0	21
65	Development of pyrrolo[2,1- c][1,4]benzodiazepine Î²-glucoside prodrugs for selective therapy of cancer. Bioorganic Chemistry, 2018, 76, 288-293.	2.0	12
66	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
67	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
68	Styryl Quinazolinones as Potential Inducers of Myeloid Differentiation via Upregulation of C/EBPÎ±. Molecules, 2018, 23, 1938.	1.7	6
69	Imidazopyridine linked triazoles as tubulin inhibitors, effectively triggering apoptosis in lung cancer cell line. Bioorganic Chemistry, 2018, 80, 714-720.	2.0	33
70	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
71	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
72	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

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73	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
74	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
75	Phenacyl azides as efficient intermediates: one-pot synthesis of pyrrolidines and imidazoles. Organic and Biomolecular Chemistry, 2017, 15, 2730-2733.	1.5	15
76	Design, synthesis and biological evaluation of imidazopyridineâ€“propenone conjugates as potent tubulin inhibitors. MedChemComm, 2017, 8, 1000-1006.	3.5	19
77	Design and synthesis of 1,2,3-triazolo linked benzo[d]imidazo[2,1- b]thiazole conjugates as tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 3285-3297.	1.4	22
78	Diphenylphosphoryl Azide (DPPA)â€Mediated Oneâ€Pot Synthesis of Oxazolo[4,5â€c][1,8]naphthyridinâ€4(5â€‰H)â€ones, Oxazolo[4,5â€c]quinolineâ€4(5â€‰H)â€ones, and Tosyloxazolâ€5â€yl Pyridines. Asian Journal of Organic Chemistry, 2017, 6, 898-906.	1.3	9
79	Oneâ€Pot Synthesis of Naphtho[1â€²,2â€²:4,5]imidazo[1,2â€a]pyridinâ€5â€yl(aryl)methanones through Sequential Sonogashira Coupling/Alkyneâ€“Carbonyl Metathesis. European Journal of Organic Chemistry, 2017, 2017, 4026-4034.	1.2	5
80	Transitionâ€Metalâ€Free Oxidative Crossâ€Coupling of Methylhetarenes with Imidazoheterocycles towards Efficient C(sp²)â^'H Carbonylation. Asian Journal of Organic Chemistry, 2017, 6, 890-897.	1.3	19
81	New Quinoline Linked Chalcone and Pyrazoline Conjugates: Molecular Properties Prediction, Antimicrobial and Antitubercular Activities. ChemistrySelect, 2017, 2, 2989-2996.	0.7	17
82	Rational design and synthesis of 2-anilinopyridinyl-benzothiazole Schiff bases as antimitotic agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2549-2558.	1.0	18
83	Sulfamic acid catalyzed one-pot, three-component green approach: synthesis and cytotoxic evaluation of pyrazolyl-thiazole congeners. New Journal of Chemistry, 2017, 41, 3745-3749.	1.4	13
84	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
85	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
86	A facile one pot C C and C N bond formation for the synthesis of spiro-benzodiazepines and their cytotoxicity. Tetrahedron, 2017, 73, 6969-6976.	1.0	20
87	Ultrasound assisted, VOSO4 catalyzed synthesis of 4-thiazolidinones: Antimicrobial evaluation of indazole-4-thiazolidinone derivatives. Tetrahedron Letters, 2017, 58, 4632-4637.	0.7	24
88	Discovery of curcumin inspired sulfonamide derivatives as a new class of carbonic anhydrase isoforms I, II, IX, and XII inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1274-1281.	2.5	28
89	Molecular Iodineâ€Promoted Transimination for the Synthesis of 6â€Phenylpyrido[2â€²,1â€²:2,3]imidazo[4,5â€c]quinoline and 6â€(Pyridinâ€2â€yl)pyrido[2â€²,1â€²:2,3]imidazo[4,5â€c]quinolines. Asian Journal of Organic Chemistry, 2017, 6, 1830-1837.	1.3	9
90	Visible Light Driven Coupling of 2â€aminopyridines and Î±â€Keto Vinyl Azides for the Synthesis of Imidazo[1,â€‰2â€a]pyridines and Their Cytotoxicity. ChemistrySelect, 2017, 2, 8158-8161.	0.7	14

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91	Annulation of 4â€Hydroxypyrones and Î±â€Keto Vinyl Azides; A Regiospecific Approach towards the Synthesis of Furo[3,â€‰2â€²]Pyrone Scaffolds under Catalyst Free Condition. ChemistrySelect, 2017, 2, 8122-8126.	0.7	7
92	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
93	Regioselective oxidative cross-coupling of benzo[d]imidazo[2,1-b]thiazoles with styrenes: a novel route to C3-dicarbonylation. Organic and Biomolecular Chemistry, 2017, 15, 7696-7704.	1.5	16
94	Click chemistry-assisted synthesis of triazolo linked podophyllotoxin conjugates as tubulin polymerization inhibitors. MedChemComm, 2017, 8, 1817-1823.	3.5	14
95	Design, synthesis and biological evaluation of novel pyrazolochalcones as potential modulators of PI3K/Akt/mTOR pathway and inducers of apoptosis in breast cancer cells. European Journal of Medicinal Chemistry, 2017, 139, 305-324.	2.6	21
96	Telomerase Inhibition and Human Telomeric G-Quadruplex DNA Stabilization by a Î²-Carbolineâ€“Benzimidazole Derivative at Low Concentrations. Biochemistry, 2017, 56, 4392-4404.	1.2	21
97	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
98	Recent advances in combretastatin based derivatives and prodrugs as antimitotic agents. MedChemComm, 2017, 8, 1592-1603.	3.5	63
99	Copper-Catalysed Tandem Synthesis of Substituted Quinazolines from Phenacyl Azides and O -Carbonyl Anilines. ChemistrySelect, 2017, 2, 5378-5383.	0.7	10
100	Metalâ€Free Aerobic Oxidative Câ”C Bond Cleavage between the Carbonyl Carbon and the Î±â€Carbon of Î±â€Azido Ketones: A Novel Synthesis of Nâ€Alkylated Benzamides. Asian Journal of Organic Chemistry, 2017, 6, 1498-1504.	1.3	10
101	Development and Biological Evaluation of Imidazothiazole propenones as Tubulin Inhibitors that Effectively Triggered Apoptotic Cell Death in Alveolar Lung Cancer Cell Line. ChemistrySelect, 2017, 2, 6480-6487.	0.7	8
102	Iodine-catalyzed Csp3-H functionalization of methylhetarenes: One-pot synthesis and cytotoxic evaluation of heteroarenyl-benzimidazoles and benzothiazole. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4039-4043.	1.0	18
103	Design, Synthesis and Biological Evaluation of 2-Anilinopyridyl-Linked Oxindole Conjugates as Potent Tubulin Polymerisation Inhibitors. ChemistrySelect, 2017, 2, 9901-9910.	0.7	8
104	Statistical optimization of production conditions of Î²-glucosidase from Bacillus stratosphericus strain SG9. 3 Biotech, 2017, 7, 221.	1.1	7
105	Vanadium-Catalyzed Oxidative C(CO)â€“C(CO) Bond Cleavage for Câ€“N Bond Formation: One-Pot Domino Transformation of 1,2-Diketones and Amidines into Imides and Amides. Journal of Organic Chemistry, 2017, 82, 7332-7345.	1.7	26
106	2-aryl benzimidazole conjugate induced apoptosis in human breast cancer MCF-7 cells through caspase independent pathway. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 118-134.	2.2	15
107	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
108	A Catalytic, One-pot and Green Synthesis of Î±-Amino Nitriles: Cu(BF4)2.x H2O an Efficient Catalyst. Letters in Organic Chemistry, 2017, 14, .	0.2	2

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109	Apoptosis inducing ability of silver decorated highly reduced graphene oxide nanocomposites in A549 lung cancer. International Journal of Nanomedicine, 2016, 11, 873.	3.3	31
110	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
111	Access to Imidazole Derivatives by Silver(I) Carbonate Mediated Coupling of Vinyl Azides with Secondary Amines. European Journal of Organic Chemistry, 2016, 2016, 1269-1273.	1.2	24
112	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
113	Design, synthesis of phenstatin/isocombretastatin-oxindole conjugates as antimitotic agents. Bioorganic and Medicinal Chemistry, 2016, 24, 1729-1740.	1.4	17
114	Benzo[b]furan derivatives induces apoptosis by targeting the PI3K/Akt/mTOR signaling pathway in human breast cancer cells. Bioorganic Chemistry, 2016, 66, 124-131.	2.0	24
115	Synthesis, DNA binding affinity and anticancer activity of novel 4H-benzo[g][1,2,3]triazolo[5,1-c][1,4]oxazocines. Organic and Biomolecular Chemistry, 2016, 14, 9294-9305.	1.5	10
116	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
117	2â€Anilinoâ€3â€Aroylquinolines as Potent Tubulin Polymerization Inhibitors. ChemMedChem, 2016, 11, 2050-2062.	1.6	6
118	Phenyliodonium Diacetate Mediated One-Pot Synthesis of Benzimidazoles and Quinazolinones from Benzylamines. ChemistrySelect, 2016, 1, 2895-2899.	0.7	16
119	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
120	VOSO 4 catalyzed highly efficient synthesis of benzimidazoles, benzothiazoles, and quinoxalines. Tetrahedron Letters, 2016, 57, 4012-4016.	0.7	57
121	Investigation of the apoptotic pathway induced by benzimidazoleâ€“oxindole conjugates against human breast cancer cells MCF-7. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3313-3317.	1.0	13
122	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
123	An evaluation of the CYP2D6 and CYP3A4 inhibition potential of metoprolol metabolites and their contribution to drugâ€“drug and drugâ€“herb interaction by LCâ€ESI/MS/MS. Biomedical Chromatography, 2016, 30, 1556-1572.	0.8	8
124	Design, synthesis and antiproliferative activity of the new conjugates of E7010 and resveratrol as tubulin polymerization inhibitors. Organic and Biomolecular Chemistry, 2016, 14, 1382-1394.	1.5	15
125	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
126	Synthesis and biological evaluation of arylcinnamide linked combretastatin-A4 hybrids as tubulin polymerization inhibitors and apoptosis inducing agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2957-2964.	1.0	21

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127	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
128	Iron-Mediated One-Pot Synthesis of 3,5-Diarylpyridines from Î²-Nitrostyrenes. Journal of Organic Chemistry, 2016, 81, 2159-2165.	1.7	23
129	The molecular structure of thio-ether fatty acids influences PPAR-dependent regulation of lipid metabolism. Bioorganic and Medicinal Chemistry, 2016, 24, 1191-1203.	1.4	2
130	Combretastatin linked 1,3,4-oxadiazole conjugates as a Potent Tubulin Polymerization inhibitors. Bioorganic Chemistry, 2016, 65, 126-136.	2.0	47
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