Ali Mm

List of Publications by Citations

68 papers	1,597 citations	23 h-index	37 g-index
69 ext. papers	1,890 ext. citations	3.8 avg, IF	4.9 L-index

#	Paper	IF	Citations
68	Celecoxib analogs bearing benzofuran moiety as cyclooxygenase-2 inhibitors: design, synthesis and evaluation as potential anti-inflammatory agents. *European Journal of Medicinal Chemistry*, **2014**, 76, 482-93	6.8	98
67	Design, synthesis and molecular docking study of novel quinoxalin-2(1H)-ones as anti-tumor active agents with inhibition of tyrosine kinase receptor and studying their cyclooxygenase-2 activity. *European Journal of Medicinal Chemistry*, **2014**, 86, 122-32	6.8	78
66	Amelioration of streptozotocin-induced diabetes mellitus, oxidative stress and dyslipidemia in rats by tomato extract lycopene. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2009**, 69, 371-9	2	72
65	1-Piperazinylphthalazines as potential VEGFR-2 inhibitors and anticancer agents: Synthesis and in vitro biological evaluation. *European Journal of Medicinal Chemistry*, **2016**, 107, 165-79	6.8	70
64	Synthesis and anticancer effects of some novel pyrazolo[3,4-d]pyrimidine derivatives by generating reactive oxygen species in human breast adenocarcinoma cells. *European Journal of Medicinal Chemistry*, **2011**, 46, 1019-26	6.8	64
63	Synthesis and in vitro cytotoxic activity of novel pyrazolo[3,4-d]pyrimidines and related pyrazole hydrazones toward breast adenocarcinoma MCF-7 cell line. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 6808-17	3.4	62
62	Increasing the binding affinity of VEGFR-2 inhibitors by extending their hydrophobic interaction with the active site: Design, synthesis and biological evaluation of 1-substituted-4-(4-methoxybenzyl)phthalazine derivatives. *European Journal of Medicinal Chemistry*, **2016**, 113, 50-62	6.8	59
61	Induction of metallothionein by zinc protects from daunorubicin toxicity in rats. *Toxicology*, **2002**, 179, 85-93	4.4	56
60	Design, synthesis, molecular docking and cytotoxic evaluation of novel 2-furybenzimidazoles as VEGFR-2 inhibitors. *European Journal of Medicinal Chemistry*, **2017**, 136, 315-329	6.8	50
59	The influence of naringin on the oxidative state of rats with streptozotocin-induced acute hyperglycaemia. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2004**, 59, 726-33	1.7	48
58	Indoline ureas as potential anti-hepatocellular carcinoma agents targeting VEGFR-2: Synthesis, in vitro biological evaluation and molecular docking. *European Journal of Medicinal Chemistry*, **2015**, 100, 89-97	6.8	46
57	Design, Synthesis, Molecular Docking, and Anticancer Activity of Phthalazine Derivatives as VEGFR-2 Inhibitors. *Archiv Der Pharmazie*, **2017**, 350, 1700240	4.3	42
56	Synthesis, anticancer effect and molecular modeling of new thiazolylpyrazolyl coumarin derivatives targeting VEGFR-2 kinase and inducing cell cycle arrest and apoptosis. *Bioorganic Chemistry*, **2019**, 85, 253-273	5.1	38
55	Type IIA - Type IIB protein tyrosine kinase inhibitors hybridization as an efficient approach for potent multikinase inhibitor development: Design, synthesis, anti-proliferative activity, multikinase inhibitory activity and molecular modeling of novel indolinone-based ureides and amides. *European Journal of Medicinal Chemistry*, **2019**, 163, 37-53	6.8	37
54	Synthesis and in vitro antitumor activity of new substituted thiopyrimidine acyclic nucleosides and their thioglycoside analogs. *Nucleosides, Nucleotides and Nucleic Acids*, **2009**, 28, 261-74	1.4	36
53	Photodynamic therapy mediated antiproliferative activity of some metal-doped ZnO nanoparticles in human liver adenocarcinoma HepG2 cells under UV irradiation. *Journal of Photochemistry and Photobiology B: Biology*, **2014**, 138, 99-108	6.7	35
52	Synthesis of new quinoline derivatives as inhibitors of human tumor cells growth. *Archiv Der Pharmazie*, **2010**, 343, 440-8	4.3	35

51	Synthesis and in vitro cytotoxic activity of novel pyrazolo[1,5-a]pyrimidines and related Schiff bases. *Turkish Journal of Chemistry*, **2015**, 39, 1102-1113	1	33
50	Design, synthesis and structure-activity relationship of novel quinoxaline derivatives as cancer chemopreventive agent by inhibition of tyrosine kinase receptor. *European Journal of Medicinal Chemistry*, **2013**, 69, 115-24	6.8	32
49	Synthesis and docking studies of novel antitumor benzimidazoles. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 6989-7001	3.4	31
48	Synthesis, in vitro and in vivo antitumor and antiviral activity of novel 1-substituted benzimidazole derivatives. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 826-45	5.6	28
47	Design, Synthesis, In Vitro Anti-cancer Activity, ADMET Profile and Molecular Docking of Novel Triazolo[3,4-a]phthalazine Derivatives Targeting VEGFR-2 Enzyme. *Anti-Cancer Agents in Medicinal Chemistry*, **2018**, 18, 1184-1196	2.2	28
46	New Coumarin Derivatives as Anti-Breast and Anti-Cervical Cancer Agents Targeting VEGFR-2 and p38□MAPK. *Archiv Der Pharmazie*, **2017**, 350, 1700064	4.3	27
45	Part I: Design, synthesis and biological evaluation of novel pyrazole-benzimidazole conjugates as checkpoint kinase 2 (Chk2) inhibitors with studying their activities alone and in combination with genotoxic drugs. *European Journal of Medicinal Chemistry*, **2017**, 134, 392-405	6.8	23
44	Part I. Synthesis, biological evaluation and docking studies of new 2-furylbenzimidazoles as antiangiogenic agents. *European Journal of Medicinal Chemistry*, **2014**, 87, 868-80	6.8	22
43	Phytochemical investigation and biological studies of Bombax malabaricum flowers. *Natural Product Research*, **2011**, 25, 141-51	2.3	22
42	ZnO Nanoparticles Catalyst in the Synthesis of Bioactive Fused Pyrimidines as Anti-breast Cancer Agents Targeting VEGFR-2. *Medicinal Chemistry*, **2019**, 15, 277-286	1.8	22
41	Novel potent substituted 4-amino-2-thiopyrimidines as dual VEGFR-2 and BRAF kinase inhibitors. *European Journal of Medicinal Chemistry*, **2019**, 179, 707-722	6.8	21
40	Levansucrase optimization using solid state fermentation and levan biological activities studies. *Carbohydrate Polymers*, **2013**, 96, 332-41	10.3	21
39	Synthesis and molecular docking study of new pyrazole derivatives as potent anti-breast cancer agents targeting VEGFR-2 kinase. *Bioorganic Chemistry*, **2020**, 101, 103916	5.1	18
38	Synthesis, characterization and anticancer studies of ferrocenyl complexes containing thiazole moiety. *Applied Organometallic Chemistry*, **2012**, 26, 230-236	3.1	17
37	Synthesis, characterization, and anticancer properties of ferrocenyl complexes containing a salicylaldehyde moiety. *Monatshefte F□ Chemie*, **2010**, 141, 387-393	1.4	17
36	Synthesis and In Vitro Antitumor Activity of Novel Chromenones Bearing Benzothiazole Moiety. *Russian Journal of Bioorganic Chemistry*, **2019**, 45, 42-53	1	16
35	l-Amino acid oxidase from Cerastes vipera snake venom: Isolation, characterization and biological effects on bacteria and tumor cell lines. *Toxicon*, **2018**, 150, 270-279	2.8	16
34	Anticancer evaluation of some newly synthesized N-nicotinonitrile derivative. *European Journal of Medicinal Chemistry*, **2013**, 69, 521-6	6.8	16

33	Benzimidazole - Schiff bases and their complexes: synthesis, anticancer activity and molecular modeling as Aurora kinase inhibitor. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2018**, 73, 465-478	1.7	15
32	Some pyrazole and pyrazolo[3,4-d]pyrimidine derivatives: synthesis and anticancer evaluation. *Archiv Der Pharmazie*, **2014**, 347, 559-65	4.3	14
31	Part II: New candidates of pyrazole-benzimidazole conjugates as checkpoint kinase 2 (Chk2) inhibitors. *European Journal of Medicinal Chemistry*, **2018**, 144, 859-873	6.8	14
30	Targeting Receptor Tyrosine Kinase VEGFR-2 in Hepatocellular Cancer: Rational Design, Synthesis and Biological Evaluation of 1,2-Disubstituted Benzimidazoles. *Molecules*, **2020**, 25,	4.8	13
29	Synthesis of some novel 4-benzothiazol-2-yl-benzoyl-1H-pyrazoles, and evaluation as antiangiogenic agents. *Research on Chemical Intermediates*, **2016**, 42, 1521-1536	2.8	13
28	Synthesis, biological evaluation, and docking studies of new 2-furylbenzimidazoles as anti-angiogenic agents: part II. *Archiv Der Pharmazie*, **2014**, 347, 291-304	4.3	13
27	Synthesis and cytotoxic activity of certain benzothiazole derivatives against human MCF-7 cancer cell line. *Chemical Biology and Drug Design*, **2017**, 89, 566-576	2.9	13
26	Modulation of anticancer drug-induced P-glycoprotein expression by naringin. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2009**, 64, 109-16	1.7	13
25	Characterization of a new efficient low molecular weight Bacillus subtilis NRC levansucrase and its levan. *Journal of Basic Microbiology*, **2019**, 59, 1004-1015	2.7	12
24	Design, synthesis, and molecular docking of novel indole scaffold-based VEGFR-2 inhibitors as targeted anticancer agents. *Archiv Der Pharmazie*, **2018**, 351, 1700299	4.3	11
23	Design, synthesis, and molecular docking of novel 2-arylbenzothiazole multiangiokinase inhibitors targeting breast cancer. *Archiv Der Pharmazie*, **2020**, 353, e1900340	4.3	11
22	Reaction of 2-cyano[(4-oxo-4H-chromen-3-yl)methylidene]acetohydrazide with phosphorus reagents: Synthesis and evaluation of anticancer activities of some novel 1,2-azaphospholes, 1,2,3-diazaphospholidine, and 1,3,2-diaza-phosphinanes bearing a chromone ring. *Synthetic Communications*, **2017**, 47, 1458-1470	1.7	10
21	Synthesis and antiproliferative activity of novel polynuclear heterocyclic compounds derived from 2,3-diaminophenazine. *European Journal of Medicinal Chemistry*, **2015**, 90, 568-76	6.8	10
20	The prophylactic and therapeutic effects of Momordica charantia methanol extract through controlling different hallmarks of the hepatocarcinogenesis. *Biomedicine and Pharmacotherapy*, **2018**, 98, 491-498	7.5	10
19	Synthesis and anticancer activity of some novel diethyl {(chromonyl/pyrazolyl) [(4-oxo-2-phenyl-quinazolin-3(4H)-yl)amino]methyl}phosphonates. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2018**, 193, 668-674	1	9
18	Synthesis, Spectral, Characterization, and Anticancer Activity of Some Binary and Mixed Ligand Complexes of 4-Methyl-2-Pentanone Thiosemicarbazone and Some Amino Acids. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2010**, 185, 2171-2181	1	9
17	Synthesis, characterization, and antitumor evaluation of 4-aminoximidofurazan derivatives. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2016**, 191, 1000-1008	1	8
16	Synthesis, characterization, and in vitro anticancer evaluation of iron oxide/chitosan nanocomposites. *Inorganic and Nano-Metal Chemistry*, **2017**, 47, 405-411	1.2	8

15	New 2,4-disubstituted-2-thiopyrimidines as VEGFR-2 inhibitors: Design, synthesis, and biological evaluation. *Archiv Der Pharmazie*, **2019**, 352, e1900089	4.3	7
14	New pyrimidinone and fused pyrimidinone derivatives as potential anticancer chemotherapeutics. *Archiv Der Pharmazie*, **2012**, 345, 729-38	4.3	7
13	Anti-proliferative activity of newly synthesized Cd(II), Cu(II), Zn(II),Ni(II), Co(II), VO(II), and Mn(II) complexes of 2-((4,9-dimethoxy-5-oxo-5H-furo[3,2-g]chromen-6-yl)methylene) hydrazinecarbothioamide on three human cancer cells. *Applied Organometallic Chemistry*, **2018**, 32, e3936	3.1	6
12	Synthesis and Antitumor Evaluation of Some Newly Synthesized Pyrazolopyrimidine and Pyrazolotriazolopyrimidine Derivatives. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2009**, 185, 74-83	1	6
11	Synthesis and Structure–Activity Relationship Study of Novel Pyrazolylthiazoles as Potential Anti-Breast Cancer Agents. *Journal of Heterocyclic Chemistry*, **2017**, 54, 1974-1982	1.9	4
10	Tetrahydroindolocarbazoles (THICZs) as new class of urokinase (uPA) inhibitors: Synthesis, anticancer evaluation, DNA-damage determination, and molecular modelling study. *Bioorganic Chemistry*, **2018**, 80, 545-554	5.1	4
9	Antioxidant and anticancer efficacy of therapeutic bioactive compounds from fermented olive waste. *Grasas Y Aceites*, **2018**, 69, 266	1.3	4
8	Synthesis and Characterization of New 3?,5?-DIARYL-3?H-Dispiropyran/Thiopyran[4,2?-Chroman-3?,2?-[1,3,4-Thiadiazol]-4?-One Derivatives and Related Compounds as Anticancer and Antiviral Agents. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2015**, 190, 1901-1911	1	3
7	Novel Nitro-Heterocycles Sugar and Indoles Candidates as Lead Structures Targeting HepG2 and A549 Cancer Cell Lines. *Current Bioactive Compounds*, **2018**, 14, 434-444	0.9	3
6	Effective Pharmacophore for CDC25 Phosphatases Enzyme Inhibitors: Newly Synthesized Bromothiazolopyrimidine Derivatives. *Mini-Reviews in Medicinal Chemistry*, **2021**, 21, 118-131	3.2	3
5	Anticancer Effects with Molecular Docking Confirmation of Newly Synthesized Isatin Sulfonamide Molecular Hybrid Derivatives against Hepatic Cancer Cell Lines.. *Biomedicines*, **2022**, 10,	4.8	3
4	Synthesis and Antiproliferative Activities of Benzimidazole-Based Sulfide and Sulfoxide Derivatives. *Scientia Pharmaceutica*, **2016**, 84, 1-18	4.3	2
3	Towards breast cancer targeting: Synthesis of tetrahydroindolocarbazoles, antibreast cancer evaluation, uPA inhibition, molecular genetic and molecular modelling studies. *Bioorganic Chemistry* , **2019**, 93, 103332	5.1	1
2	Synthesis, Characterization, and Antiproliferative Activity of Cu2+, V(IV)O2+, Co2+, Mn2+, and Ni2+ Complexes with 3-(2-(4-Methoxyphenylcarbamothioyl)Hydrazinyl)-3-OXO-N-(Thiazol-2-yl)Propanamide against Human Breast Adenocarcinoma Cells. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2014**,	1	1
1	Non-ulcerogenic pyrazolyl 2-hydroxychalcones and pyrazolylpyrazolines derived from naturally existing furochromone (khellin): semi-synthesis, docking study and anti-inflammatory activity. *Natural Product Research*, **2021**, 1-8	2.3	