Ali Mm

List of Publications by Year
in descending order

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69 papers	2,205 citations	185998 28 h-index	243296 44 g-index
69 all docs	69 docs citations	69 times ranked	2801 citing authors

#	Article	IF	Citations
1	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, 482-493.	2.6	121
2	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, 122-132.	2.6	110
3	1-Piperazinylphthalazines as potential VEGFR-2 inhibitors and anticancer agents: Synthesis and inÂvitro biological evaluation. European Journal of Medicinal Chemistry, 2016, 107, 165-179.	2.6	103
4	Amelioration of streptozotocinâ€induced diabetes mellitus, oxidative stress and dyslipidemia in rats by tomato extract lycopene. Scandinavian Journal of Clinical and Laboratory Investigation, 2009, 69, 371-379.	0.6	91
5	Design, synthesis, molecular docking and cytotoxic evaluation of novel 2-furybenzimidazoles as VEGFR-2 inhibitors. European Journal of Medicinal Chemistry, 2017, 136, 315-329.	2.6	79
6	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.	2.0	78
7	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, 1019-1026.	2.6	74
8	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.	2.6	73
9	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, 6808-6817.	1.4	72
10	Induction of metallothionein by zinc protects from daunorubicin toxicity in rats. Toxicology, 2002, 179, 85-93.	2.0	60
11	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.	2.6	56
12	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, 726-733.	0.6	55
13	Indoline ureas as potential anti-hepatocellular carcinoma agents targeting VEGFR-2: Synthesis, inÂvitro biological evaluation and molecular docking. European Journal of Medicinal Chemistry, 2015, 100, 89-97.	2.6	53
14	Design, Synthesis, Molecular Docking, and Anticancer Activity of Phthalazine Derivatives as VEGFRâ€2 Inhibitors. Archiv Der Pharmazie, 2017, 350, 1700240.	2.1	53
15	Synthesis of New Quinoline Derivatives as Inhibitors of Human Tumor Cells Growth. Archiv Der Pharmazie, 2010, 343, 440-448.	2.1	44
16	Synthesis and molecular docking study of new pyrazole derivatives as potent anti-breast cancer agents targeting VEGFR-2 kinase. Bioorganic Chemistry, 2020, 101, 103916.	2.0	44
17	Synthesis and In Vitro Antitumor Activity of New Substituted Thiopyrimidine Acyclic Nucleosides and Their Thioglycoside Analogs. Nucleosides, Nucleotides and Nucleic Acids, 2009, 28, 261-274.	0.4	43
18	New Coumarin Derivatives as Antiâ€Breast and Antiâ€Cervical Cancer Agents Targeting VEGFRâ€2 and p38Î± MAPK. Archiv Der Pharmazie, 2017, 350, 1700064.	2.1	43

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19	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.	1.7	42
20	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.	0.5	42
21	Synthesis,in vitroandin vivoantitumor and antiviral activity of novel 1-substituted benzimidazole derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 826-845.	2.5	39
22	Design, synthesis and structureâ€“activity relationship of novel quinoxaline derivatives as cancer chemopreventive agent by inhibition of tyrosine kinase receptor. European Journal of Medicinal Chemistry, 2013, 69, 115-124.	2.6	38
23	Novel potent substituted 4-amino-2-thiopyrimidines as dual VEGFR-2 and BRAF kinase inhibitors. European Journal of Medicinal Chemistry, 2019, 179, 707-722.	2.6	36
24	Synthesis and docking studies of novel antitumor benzimidazoles. Bioorganic and Medicinal Chemistry, 2012, 20, 6989-7001.	1.4	35
25	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.	0.9	33
26	ZnO Nanoparticles Catalyst in the Synthesis of Bioactive Fused Pyrimidines as Anti-breast Cancer Agents Targeting VEGFR-2. Medicinal Chemistry, 2019, 15, 277-286.	0.7	32
27	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.	0.8	31
28	Targeting Receptor Tyrosine Kinase VEGFR-2 in Hepatocellular Cancer: Rational Design, Synthesis and Biological Evaluation of 1,2-Disubstituted Benzimidazoles. Molecules, 2020, 25, 770.	1.7	31
29	Anticancer Effects with Molecular Docking Confirmation of Newly Synthesized Isatin Sulfonamide Molecular Hybrid Derivatives against Hepatic Cancer Cell Lines. Biomedicines, 2022, 10, 722.	1.4	31
30	Part I. Synthesis, biological evaluation and docking studies of new 2-furylbenzimidazoles as antiangiogenic agents. European Journal of Medicinal Chemistry, 2014, 87, 868-880.	2.6	29
31	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.	2.6	29
32	Benzimidazole â€“ 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.	0.6	27
33	Phytochemical investigation and biological studies ofBombax malabaricumflowers. Natural Product Research, 2011, 25, 141-151.	1.0	25
34	Design, synthesis, and molecular docking of novel 2â€arylbenzothiazole multiangiokinase inhibitors targeting breast cancer. Archiv Der Pharmazie, 2020, 353, e1900340.	2.1	24
35	Levansucrase optimization using solid state fermentation and levan biological activities studies. Carbohydrate Polymers, 2013, 96, 332-341.	5.1	23
36	Characterization of a new efficient low molecular weight Bacillus subtilis NRC₁₆ levansucrase and its levan. Journal of Basic Microbiology, 2019, 59, 1004-1015.	1.8	23

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37	Anticancer evaluation of some newly synthesized N-nicotinonitrile derivative. European Journal of Medicinal Chemistry, 2013, 69, 521-526.	2.6	22
38	Part II: New candidates of pyrazole-benzimidazole conjugates as checkpoint kinase 2 (Chk2) inhibitors. European Journal of Medicinal Chemistry, 2018, 144, 859-873.	2.6	21
39	Synthesis, characterization, and anticancer properties of ferrocenyl complexes containing a salicylaldehyde moiety. Monatshefte FÃ¼r Chemie, 2010, 141, 387-393.	0.9	19
40	Synthesis, characterization and anticancer studies of ferrocenyl complexes containing thiazole moiety. Applied Organometallic Chemistry, 2012, 26, 230-236.	1.7	19
41	Some Pyrazole and Pyrazolo[3,4â€d]pyrimidine Derivatives: Synthesis and Anticancer Evaluation. Archiv Der Pharmazie, 2014, 347, 559-565.	2.1	19
42	Design, synthesis, and molecular docking of novel indole scaffoldâ€based VEGFRâ€2 inhibitors as targeted anticancer agents. Archiv Der Pharmazie, 2018, 351, 1700299.	2.1	19
43	Modulation of Anticancer Drug-Induced P-Glycoprotein Expression by Naringin. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 109-116.	0.6	17
44	Synthesis and antiproliferative activity of novel polynuclear heterocyclic compounds derived from 2,3-diaminophenazine. European Journal of Medicinal Chemistry, 2015, 90, 568-576.	2.6	17
45	Synthesis and cytotoxic activity of certain benzothiazole derivatives against human <scp>MCF</scp>â€7 cancer cell line. Chemical Biology and Drug Design, 2017, 89, 566-576.	1.5	17
46	Synthesis and In Vitro Antitumor Activity of Novel Chromenones Bearing Benzothiazole Moiety. Russian Journal of Bioorganic Chemistry, 2019, 45, 42-53.	0.3	17
47	Synthesis, Biological Evaluation, and Docking Studies of New 2â€Furylbenzimidazoles as Antiâ€Angiogenic Agents: Part II. Archiv Der Pharmazie, 2014, 347, 291-304.	2.1	15
48	Synthesis of some novel 4-benzothiazol-2-yl-benzoyl-1H-pyrazoles, and evaluation as antiangiogenic agents. Research on Chemical Intermediates, 2016, 42, 1521-1536.	1.3	15
49	The prophylactic and therapeutic effects of Momordica charantia methanol extract through controlling different hallmarks of the hepatocarcinogenesis. Biomedicine and Pharmacotherapy, 2018, 98, 491-498.	2.5	14
50	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.	0.8	13
51	New Pyrimidinone and Fused Pyrimidinone Derivatives as Potential Anticancer Chemotherapeutics. Archiv Der Pharmazie, 2012, 345, 729-738.	2.1	12
52	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.	1.1	12
53	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.	0.8	12
54	New 2,4â€disubstitutedâ€2â€thiopyrimidines as VEGFRâ€2 inhibitors: Design, synthesis, and biological evaluation. Archiv Der Pharmazie, 2019, 352, e1900089.	2.1	12

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55	Synthesis, characterization, and antitumor evaluation of 4-aminoximidofurazan derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1000-1008.	0.8	11
56	Synthesis, characterization, and in vitro anticancer evaluation of iron oxide/chitosan nanocomposites. Inorganic and Nano-Metal Chemistry, 2017, 47, 405-411.	0.9	10
57	Antiâ€proliferative activity of newly synthesized Cd(II), Cu(II), Zn(II),Ni(II), Co(II), VO(II), and Mn(II) complexes of 2â€((4,9â€dimethoxyâ€5â€oxoâ€5Hâ€furo[3,2â€g]chromenâ€6â€yl)methylene) hydrazinecarbothioamide on three human cancer cells. Applied Organometallic Chemistry, 2018, 32, e3936.	1.7	9
58	Effective Pharmacophore for CDC25 Phosphatases Enzyme Inhibitors: Newly Synthesized Bromothiazolopyrimidine Derivatives. Mini-Reviews in Medicinal Chemistry, 2021, 21, 118-131.	1.1	9
59	Synthesis and Antitumor Evaluation of Some Newly Synthesized Pyrazolopyrimidine and Pyrazolotriazolopyrimidine Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 185, 74-83.	0.8	8
60	Synthesis and Characterization of New 3â€³,5â€³-DIARYL-3â€³H-Dispiropyran/Thiopyran[4,2â€²-Chroman-3â€²,2â€³-[1,3,4-Thiadiazol]-4â€²-One Derivatives and Related Compounds as Anticancer and Antiviral Agents. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1901-1911.	0.8	7
61	Synthesis and Structureâ€“Activity Relationship Study of Novel Pyrazolylthiazoles as Potential Antiâ€Breast Cancer Agents. Journal of Heterocyclic Chemistry, 2017, 54, 1974-1982.	1.4	7
62	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.	2.0	7
63	Antioxidant and anticancer efficacy of therapeutic bioactive compounds from fermented olive waste. Grasas Y Aceites, 2018, 69, 266.	0.3	7
64	Towards breast cancer targeting: Synthesis of tetrahydroindolocarbazoles, antibreast cancer evaluation, uPA inhibition, molecular genetic and molecular modelling studies. Bioorganic Chemistry, 2019, 93, 103332.	2.0	5
65	Synthesis and Antiproliferative Activities of Benzimidazole-Based Sulfide and Sulfoxide Derivatives. Scientia Pharmaceutica, 2016, 84, 1-18.	0.7	4
66	Novel Nitro-Heterocycles Sugar and Indoles Candidates as Lead Structures Targeting HepG2 and A549 Cancer Cell Lines. Current Bioactive Compounds, 2018, 14, 434-444.	0.2	3
67	Non-ulcerogenic pyrazolyl 2-hydroxychalcones and pyrazolylpyrazolines derived from naturally existing furochromone (khellin): semi-synthesis, docking study and anti-inflammatory activity. Natural Product Research, 2022, 36, 2486-2494.	1.0	2
68	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, 189, 762-777.	0.8	1
69	Synthesis and Antitumor Evaluation of New Heterocycles Derived from 3-Methyl-2-benzothiazolinone Hydrazone. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1