

Riham F George

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, molecular modelling and QSAR study of new <i>N</i> -phenylacetamide-2-oxindole benzenesulfonamide conjugates as carbonic anhydrase inhibitors with antiproliferative activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 701-717.	5.2	13
2	Design, synthesis, <i>in silico</i> docking, ADMET and anticancer evaluations of thiazolidine-2,4-diones bearing heterocyclic rings as dual VEGFR-2/EGFR tyrosine kinase inhibitors. <i>RSC Advances</i> , 2022, 12, 12913-12931.	3.6	20
3	Design, synthesis and <i>in silico</i> insights of new 7,8-disubstituted-1,3-dimethyl-1H-purine-2,6(3H,7H)-dione derivatives with potent anticancer and multi-kinase inhibitory activities. <i>Bioorganic Chemistry</i> , 2021, 107, 104569.	4.1	18
4	Design, synthesis, and pharmacological characterization of some 2-substituted-3-phenyl-4-quinazolinone derivatives as phosphodiesterase inhibitors. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100051.	4.1	2
5	Mechanistic selectivity investigation and 2D-QSAR study of some new antiproliferative pyrazoles and pyrazolopyridines as potential CDK2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113389.	5.5	23
6	Nanomolar potency of imidazo[2,1- <i>b</i>]thiazole analogs as indoleamine 2,3-dioxygenase inhibitors. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100202.	4.1	4
7	Staquorsin: A Novel <i>Staphylococcus aureus</i> Agr-Mediated Quorum Sensing Inhibitor Impairing Virulence <i>in vivo</i> Without Notable Resistance Development. <i>Frontiers in Microbiology</i> , 2021, 12, 700494.	3.5	31
8	3-Methyl-imidazo[2,1- <i>b</i>]thiazole derivatives as a new class of antifolates: Synthesis, <i>in vitro/in vivo</i> bio-evaluation and molecular modeling simulations. <i>Bioorganic Chemistry</i> , 2021, 115, 105205.	4.1	6
9	Synthesis, <i>in vitro</i> anticancer activity and <i>in silico</i> studies of certain pyrazole-based derivatives as potential inhibitors of cyclin dependent kinases (CDKs). <i>Bioorganic Chemistry</i> , 2021, 116, 105347.	4.1	9
10	Bacterial virulence factors: a target for heterocyclic compounds to combat bacterial resistance. <i>RSC Advances</i> , 2021, 11, 36459-36482.	3.6	13
11	Synthesis of 1,2,4-triazolo[1,5- <i>a</i>]pyrimidine derivatives: Antimicrobial activity, DNA Gyrase inhibition and molecular docking. <i>Bioorganic Chemistry</i> , 2020, 94, 103411.	4.1	36
12	Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinolone-dichloroacetic acid hybrids. <i>Chemical Biology and Drug Design</i> , 2020, 95, 248-259.	3.2	14
13	Synthesis and selective inhibitory effects of some 2-oxindole benzenesulfonamide conjugates on human carbonic anhydrase isoforms CA I, CA II, CA IX and CAXII. <i>Bioorganic Chemistry</i> , 2020, 95, 103514.	4.1	16
14	Synthesis of new phenolic compounds and biological evaluation as antiproliferative agents. <i>Journal of Chemical Research</i> , 2020, 44, 181-192.	1.3	1
15	Synthesis and vasodilator activity of some pyridazin-3(2H)-one based compounds. <i>Future Medicinal Chemistry</i> , 2020, 12, 37-50.	2.3	6
16	Design and synthesis of some barbituric and 1,3-dimethylbarbituric acid derivatives: A non-classical scaffold for potential PARP1 inhibitors. <i>Bioorganic Chemistry</i> , 2020, 104, 104198.	4.1	7
17	Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. <i>Future Medicinal Chemistry</i> , 2020, 12, 1369-1386.	2.3	15
18	Synthesis of some tropane-based compounds targeting colon cancer. <i>Future Medicinal Chemistry</i> , 2020, 12, 2123-2140.	2.3	5

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19	HER2 Kinase-Targeted Breast Cancer Therapy: Design, Synthesis, and <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Novel Lapatinib Congeners as Selective and Potent HER2 Inhibitors with Favorable Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15906-15945.	6.4	15
20	Some 1,3,5-trisubstituted pyrazoline derivatives targeting breast cancer: Design, synthesis, cytotoxic activity, EGFR inhibition and molecular docking. <i>Bioorganic Chemistry</i> , 2020, 99, 103780.	4.1	22
21	Synthesis of some N-aryl-2-oxindole benzenesulfonamide conjugates with carbonic anhydrase inhibitory activity. <i>Bioorganic Chemistry</i> , 2020, 96, 103635.	4.1	15
22	Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. <i>European Journal of Medicinal Chemistry</i> , 2020, 196, 112293.	5.5	31
23	Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. <i>Medicinal Chemistry</i> , 2020, 17, 71-84.	1.5	6
24	Design and synthesis of 1,2,4-triazolo[1,5-a]pyrimidine derivatives as PDE 4B inhibitors endowed with bronchodilator activity. <i>Archiv Der Pharmazie</i> , 2019, 352, 1900002.	4.1	8
25	Synthesis and anticancer activity of some pyrido[2,3-d]pyrimidine derivatives as apoptosis inducers and cyclin-dependent kinase inhibitors. <i>Future Medicinal Chemistry</i> , 2019, 11, 2395-2414.	2.3	19
26	Synthesis and anti-proliferative activity of some new quinoline based 4,5-dihydropyrazoles and their thiazole hybrids as EGFR inhibitors. <i>Bioorganic Chemistry</i> , 2019, 83, 186-197.	4.1	48
27	Facile synthesis of simple 2-oxindole-based compounds with promising antiproliferative activity. <i>Future Medicinal Chemistry</i> , 2018, 10, 269-282.	2.3	18
28	Construction of some cytotoxic agents with aurone and furoaurone scaffolds. <i>Future Medicinal Chemistry</i> , 2018, 10, 27-52.	2.3	13
29	Facile synthesis of some pyrazoline-based compounds with promising anti-inflammatory activity. <i>Future Medicinal Chemistry</i> , 2018, 10, 183-199.	2.3	19
30	Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 421-427.	0.8	1
31	Synthesis, antitumor activity evaluation, and DNA-binding study of coumarin-based agents. <i>Archiv Der Pharmazie</i> , 2018, 351, 1700199.	4.1	23
32	Synthesis, antiproliferative activity and 2D-QSAR study of some 8-alkyl-2,4-bisbenzylidene-3-nortropinones. <i>Future Medicinal Chemistry</i> , 2018, 10, 2815-2833.	2.3	7
33	Novel indole-thiazolidinone conjugates: Design, synthesis and whole-cell phenotypic evaluation as a novel class of antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 160, 49-60.	5.5	65
34	Synthesis and biological evaluation of 2-aminothiazole-thiazolidinone conjugates as potential antitubercular agents. <i>Future Medicinal Chemistry</i> , 2018, 10, 1405-1419.	2.3	15
35	Identification of some benzoxazepines as anticancer agents inducing cancer cell apoptosis. <i>Future Medicinal Chemistry</i> , 2018, 10, 1649-1664.	2.3	2
36	Design and synthesis of novel imidazo[4,5-b]pyridine based compounds as potent anticancer agents with CDK9 inhibitory activity. <i>Bioorganic Chemistry</i> , 2018, 80, 565-576.	4.1	24

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37	Synthesis & molecular modeling studies of bronchodilatory active indole-pyridine conjugates. <i>Future Medicinal Chemistry</i> , 2018, 10, 1787-1804.	2.3	10
38	New 1-phthalazinone Scaffold based Compounds: Design, Synthesis, Cytotoxicity and Protein Kinase Inhibition Activity. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1759-1774.	2.4	5
39	Identification of some novel xanthine-based derivatives with bronchodilator activity. <i>Future Medicinal Chemistry</i> , 2017, 9, 1731-1747.	2.3	5
40	Stereoselective Synthesis, Structural and Spectroscopic Study of 4,5,11-triazatricyclo[6.2.1.0*2,6*]undec-5-ene. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1074-1080.	2.6	8
41	Synthesis and molecular modeling studies of indole-based antitumor agents. <i>RSC Advances</i> , 2016, 6, 45434-45451.	3.6	20
42	Novel pyrazolo[3,4-d]pyrimidines as dual Src-Abl inhibitors active against mutant form of Abl and the leukemia K-562 cell line. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 1-13.	5.5	13
43	Rational design, synthesis and 2D-QSAR studies of antiproliferative tropane-based compounds. <i>RSC Advances</i> , 2016, 6, 101911-101923.	3.6	20
44	Synthesis and cytotoxic activities of some pyrazoline derivatives bearing phenyl pyridazine core as new apoptosis inducers. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 48-59.	5.5	44
45	Synthesis, vasorelaxant activity and 2D-QSAR study of some novel pyridazine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 663-673.	5.5	20
46	Synthesis and DFT studies of an antitumor active spiro-oxindole. <i>New Journal of Chemistry</i> , 2015, 39, 8017-8027.	2.8	22
47	Synthesis and QSAR study of novel anti-inflammatory active mesalazine-metronidazole conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2314-2320.	2.2	26
48	Synthesis, bioassay, and QSAR study of bronchodilatory active 4H-pyrano[3,2-c]pyridine-3-carbonitriles. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 835-843.	5.5	20
49	Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7238.	2.8	31
50	Design, synthesis and QSAR studies of dispiroindole derivatives as new antiproliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 339-351.	5.5	65
51	Stereoselective synthesis and QSAR study of cytotoxic 2-(4-oxo-thiazolidin-2-ylidene)-2-cyano-N-arylacetamides. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 377-386.	5.5	31
52	Synthesis, analgesic and anti-inflammatory activities evaluation of some bi-, tri- and tetracyclic condensed pyrimidines. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4572-4584.	5.5	54
53	Synthesis of some tropane derivatives of anticipated activity on the reuptake of norepinephrine and/or serotonin. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7765-7772.	3.0	10