

# Yaseen A M M El-Shaier

## List of Publications by Citations

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42  
papers

636  
citations

16  
h-index

23  
g-index

43  
ext. papers

902  
ext. citations

3.7  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
42	Design, synthesis, modeling studies and biological evaluation of thiazolidine derivatives containing pyrazole core as potential anti-diabetic PPAR- $\alpha$ agonists and anti-inflammatory COX-2 selective inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 82, 86-99	5.1	49
41	FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	47
40	Synthesis of new thiazolo-pyrrolidine-(spirooxindole) tethered to 3-acylindole as anticancer agents. <i>Bioorganic Chemistry</i> , <b>2019</b> , 82, 423-430	5.1	46
39	Substituted spirooxindole derivatives as potent anticancer agents through inhibition of phosphodiesterase 1.. <i>RSC Advances</i> , <b>2018</b> , 8, 14335-14346	3.7	37
38	Chitosan-Gelatin Hydrogel Crosslinked With Oxidized Sucrose for the Ocular Delivery of Timolol Maleate. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 3098-3104	3.9	30
37	New spiro-oxindole constructed with pyrrolidine/thioxothiazolidin-4-one derivatives: Regioselective synthesis, X-ray crystal structures, Hirshfeld surface analysis, DFT, docking and antimicrobial studies. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1152, 101-114	3.4	29
36	Design and synthesis of new substituted spirooxindoles as potential inhibitors of the MDM2-p53 interaction. <i>Bioorganic Chemistry</i> , <b>2019</b> , 86, 598-608	5.1	28
35	Novel Pyrazoloquinolin-2-ones: Design, synthesis, docking studies, and biological evaluation as antiproliferative EGFR-TK inhibitors. <i>Bioorganic Chemistry</i> , <b>2019</b> , 90, 103045	5.1	28
34	A new procedure for the preparation of 2-vinylindoles and their [4+2] cycloaddition reaction. <i>Tetrahedron</i> , <b>2011</b> , 67, 5133-5141	2.4	28
33	Non-acidic 1,3,4-trisubstituted-pyrazole derivatives as lonazolac analogs with promising COX-2 selectivity, anti-inflammatory activity and gastric safety profile. <i>Bioorganic Chemistry</i> , <b>2018</b> , 77, 568-578	5.1	27
32	Design, synthesis, and antihypertensive activity of new pyrimidine derivatives endowing new pharmacophores. <i>Medicinal Chemistry Research</i> , <b>2019</b> , 28, 360-379	2.2	25
31	New 1,2,4-triazole/pyrazole hybrids linked to oxime moiety as nitric oxide donor celecoxib analogs: Synthesis, cyclooxygenase inhibition anti-inflammatory, ulcerogenicity, anti-proliferative activities, apoptosis, molecular modeling and nitric oxide release studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 98, 103752	5.1	24
30	Design and synthesis of pyrazolo[3,4-d]pyrimidines: Nitric oxide releasing compounds targeting hepatocellular carcinoma. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 2956-2970	3.4	18
29	New N-ribosides and N-mannosides of rhodanine derivatives with anticancer activity on leukemia cell line: Design, synthesis, DFT and molecular modelling studies. <i>Carbohydrate Research</i> , <b>2020</b> , 487, 107894	2.9	18
28	Novel Thiourea Derivatives Bearing Sulfonamide Moiety as Anticancer Agents Through COX-2 Inhibition. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 1411-1425	2.2	16
27	An perception for newly isolated flavonoids from peach fruit as privileged avenue for a countermeasure outbreak of COVID-19.. <i>RSC Advances</i> , <b>2020</b> , 10, 29983-29998	3.7	16
26	Synthesis of Pyrazole-Thiobarbituric Acid Derivatives: Antimicrobial Activity and Docking Studies. <i>Molecules</i> , <b>2016</b> , 21,	4.8	14

25	Discovery of New S-Glycosides and N-Glycosides of Pyridine-biphenyl System with Antiviral Activity and Induction of Apoptosis in MCF7 Cells. <i>Journal of Heterocyclic Chemistry</i> , <b>2019</b> , 56, 1733-1747	1.9	13
24	Design, synthesis and biological evaluation of new 2-aminothiazole scaffolds as phosphodiesterase type 5 regulators and COX-1/COX-2 inhibitors.. <i>RSC Advances</i> , <b>2020</b> , 10, 29723-29736	3.7	13
23	Molecular structure and spectroscopic investigations combined with hypoglycemic/anticancer and docking studies of a new barbituric acid derivative. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1134, 99-111	3.4	12
22	Design, synthesis and anticonvulsant activity of new imidazolidindione and imidazole derivatives. <i>Bioorganic Chemistry</i> , <b>2020</b> , 101, 104020	5.1	12
21	Synthesis, Anticancer Activity, and Molecular Modeling of New Halogenated Spiro[pyrrolidine-thiazolo-oxindoles] Derivatives. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 2170	2.6	11
20	Synthesis of some benzimidazole derivatives endowed with 1,2,3-triazole as potential inhibitors of hepatitis C virus. <i>Acta Pharmaceutica</i> , <b>2016</b> , 66, 219-31	3.2	11
19	New 2-Oxopyridine/2-Thiopyridine Derivatives Tethered to a Benzotriazole with Cytotoxicity on MCF7 Cell Lines and with Antiviral Activities. <i>Letters in Drug Design and Discovery</i> , <b>2020</b> , 17, 124-137	0.8	9
18	Bioactive constituents from <i>Thunbergia erecta</i> as potential anticholinesterase and anti-ageing agents: Experimental and in silico studies. <i>Bioorganic Chemistry</i> , <b>2021</b> , 108, 104643	5.1	9
17	Arylidenes of Quinolin-2-one scaffold as Erlotinib analogues with activities against leukemia through inhibition of EGFR TK/ STAT-3 pathways. <i>Bioorganic Chemistry</i> , <b>2020</b> , 96, 103628	5.1	8
16	Design, synthesis and biological study of hybrid drug candidates of nitric oxide releasing cucurbitacin-inspired estrone analogs for treatment of hepatocellular carcinoma. <i>Bioorganic Chemistry</i> , <b>2019</b> , 85, 515-533	5.1	7
15	Design and synthesis of pyrazolo[3,4-d]pyrimidinone derivatives: Discovery of selective phosphodiesterase-5 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127337	2.9	7
14	Synthesis of Pyridine-Dicarboxamide-Cyclohexanone Derivatives: Anticancer and $\alpha$ -Glucosidase Inhibitory Activities and In Silico Study. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
13	Structure- and Ligand-Based Studies towards the Repurposing of Marine Bioactive Compounds to Target SARS-CoV-2.. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 14, 103092	5.9	6
12	A new barbituric acid derivatives as reactive oxygen scavenger: Experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1175, 524-535	3.4	5
11	Synthesis and Inhibitory Effect of Some Indole-Pyrimidine Based Hybrid Heterocycles on $\alpha$ -Glucosidase and $\alpha$ -Amylase as Potential Hypoglycemic Agents. <i>ChemistryOpen</i> , <b>2019</b> , 8, 1288-1297	2.3	5
10	A review on the synthesis of heteroannulated quinolones and their biological activities. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	5
9	Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	4
8	Identification and molecular modeling of new quinolin-2-one thiosemicarbazide scaffold with antimicrobial urease inhibitory activity. <i>Molecular Diversity</i> , <b>2021</b> , 25, 13-27	3.1	4

7	Discovery of novel quinoline-based analogues of combretastatin A-4 as tubulin polymerisation inhibitors with apoptosis inducing activity and potent anticancer effect. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 802-818	5.6	4
6	Design and synthesis of novel pyrazolo[3,4-d]pyrimidin-4-one bearing quinoline scaffold as potent dual PDE5 inhibitors and apoptotic inducers for cancer therapy. <i>Bioorganic Chemistry</i> , <b>2020</b> , 105, 104352	5.1	2
5	Quinolones as prospective drugs: Their syntheses and biological applications. <i>Advances in Heterocyclic Chemistry</i> , <b>2021</b> , 147-196	2.4	1
4	Multifunctional Isosteric Pyridine Analogs-Based 2-Aminothiazole: Design, Synthesis, and Potential Phosphodiesterase-5 Inhibitory Activity. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
3	Regioselective formation of new 3-S-alkylated-1,2,4-triazole-quinolones. <i>Journal of Sulfur Chemistry</i> , 1-17	2.3	0
2	Lipid polymer hybrid nanocarriers as a combinatory platform for different anti-SARS-CoV-2 drugs supported by computational studies.. <i>RSC Advances</i> , <b>2021</b> , 11, 28876-28891	3.7	0
1	Intelligent Drug Descriptors Analysis: Toward COVID-19 Drug Repurposing. <i>Studies in Computational Intelligence</i> , <b>2022</b> , 173-191	0.8	0