# Yaseen A M M El-Shaier

List of Publications by Year
in descending order



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|---|---|---|---|
| 43 papers | 1,133 citations | 361413 20 h-index | 414414 32 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 1454 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. Pharmaceuticals, 2020, 13, 443. | 3.8 | 110 |
| 2 | Design, synthesis, modeling studies and biological evaluation of thiazolidine derivatives containing pyrazole core as potential anti-diabetic PPAR-Î³ agonists and anti-inflammatory COX-2 selective inhibitors. Bioorganic Chemistry, 2019, 82, 86-99. | 4.1 | 78 |
| 3 | Synthesis of new thiazolo-pyrrolidineâ€“(spirooxindole) tethered to 3-acylindole as anticancer agents. Bioorganic Chemistry, 2019, 82, 423-430. | 4.1 | 66 |
| 4 | Substituted spirooxindole derivatives as potent anticancer agents through inhibition of phosphodiesterase 1. RSC Advances, 2018, 8, 14335-14346. | 3.6 | 57 |
| 5 | Design and synthesis of new substituted spirooxindoles as potential inhibitors of the MDM2â€“p53 interaction. Bioorganic Chemistry, 2019, 86, 598-608. | 4.1 | 52 |
| 6 | Chitosan-Gelatin Hydrogel Crosslinked With Oxidized Sucrose for the Ocular Delivery of Timolol Maleate. Journal of Pharmaceutical Sciences, 2018, 107, 3098-3104. | 3.3 | 48 |
| 7 | 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. Bioorganic Chemistry, 2020, 98, 103752. | 4.1 | 48 |
| 8 | Novel Pyrazoloquinolin-2-ones: Design, synthesis, docking studies, and biological evaluation as antiproliferative EGFR-TK inhibitors. Bioorganic Chemistry, 2019, 90, 103045. | 4.1 | 47 |
| 9 | Design, synthesis, and antihypertensive activity of new pyrimidine derivatives endowing new pharmacophores. Medicinal Chemistry Research, 2019, 28, 360-379. | 2.4 | 46 |
| 10 | Non-acidic 1,3,4-trisubstituted-pyrazole derivatives as lonazolac analogs with promising COX-2 selectivity, anti-inflammatory activity and gastric safety profile. Bioorganic Chemistry, 2018, 77, 568-578. | 4.1 | 44 |
| 11 | New spiro-oxindole constructed with pyrrolidine/thioxothiazolidin-4-one derivatives: Regioselective synthesis, X-ray crystal structures, Hirshfeld surface analysis, DFT, docking and antimicrobial studies. Journal of Molecular Structure, 2018, 1152, 101-114. | 3.6 | 37 |
| 12 | Design and synthesis of pyrazolo[3,4- d ]pyrimidines: Nitric oxide releasing compounds targeting hepatocellular carcinoma. Bioorganic and Medicinal Chemistry, 2017, 25, 2956-2970. | 3.0 | 32 |
| 13 | A new procedure for the preparation of 2-vinylindoles and their [4+2] cycloaddition reaction. Tetrahedron, 2011, 67, 5133-5141. | 1.9 | 30 |
| 14 | New N-ribosides and N-mannosides of rhodanine derivatives with anticancer activity on leukemia cell line: Design, synthesis, DFT and molecular modelling studies. Carbohydrate Research, 2020, 487, 107894. | 2.3 | 26 |
| 15 | Novel Thiourea Derivatives Bearing Sulfonamide Moiety as Anticancer Agents Through COX-2 Inhibition. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1411-1425. | 1.7 | 24 |
| 16 | Synthesis, Anticancer Activity, and Molecular Modeling of New Halogenated Spiro[pyrrolidine-thiazolo-oxindoles] Derivatives. Applied Sciences (Switzerland), 2020, 10, 2170. | 2.5 | 24 |
| 17 | Synthesis of Pyrazole-Thiobarbituric Acid Derivatives: Antimicrobial Activity and Docking Studies. Molecules, 2016, 21, 1337. | 3.8 | 23 |
| 18 | Design, synthesis and anticonvulsant activity of new imidazolidindione and imidazole derivatives. Bioorganic Chemistry, 2020, 101, 104020. | 4.1 | 23 |

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|---|---|---|---|
| 19 | Anin silicoperception for newly isolated flavonoids from peach fruit as privileged avenue for a countermeasure outbreak of COVID-19. RSC Advances, 2020, 10, 29983-29998. | 3.6 | 22 |
| 20 | Bioactive constituents from Thunbergia erecta as potential anticholinesterase and anti-ageing agents: Experimental and in silico studies. Bioorganic Chemistry, 2021, 108, 104643. | 4.1 | 22 |
| 21 | Synthesis of some benzimidazole derivatives endowed with 1,2,3-triazole as potential inhibitors of hepatitis C virus. Acta Pharmaceutica, 2016, 66, 219-231. | 2.0 | 21 |
| 22 | Design, synthesis and biological evaluation of new 2-aminothiazole scaffolds as phosphodiesterase type 5 regulators and COX-1/COX-2 inhibitors. RSC Advances, 2020, 10, 29723-29736. | 3.6 | 21 |
| 23 | Arylidenes of Quinolin-2-one scaffold as Erlotinib analogues with activities against leukemia through inhibition of EGFR TK/ STAT-3 pathways. Bioorganic Chemistry, 2020, 96, 103628. | 4.1 | 19 |
| 24 | Structure- and Ligand-Based in silico Studies towards the Repurposing of Marine Bioactive Compounds to Target SARS-CoV-2. Arabian Journal of Chemistry, 2021, 14, 103092. | 4.9 | 18 |
| 25 | Discovery of New Sâ€Glycosides and Nâ€Glycosides of Pyridineâ€biphenyl System with Antiviral Activity and Induction of Apoptosis in <scp>MCF</scp>7 Cells. Journal of Heterocyclic Chemistry, 2019, 56, 1733-1747. | 2.6 | 17 |
| 26 | Quinolones as prospective drugs: Their syntheses and biological applications. Advances in Heterocyclic Chemistry, 2021, , 147-196. | 1.7 | 17 |
| 27 | Identification and molecular modeling of new quinolin-2-one thiosemicarbazide scaffold with antimicrobial urease inhibitory activity. Molecular Diversity, 2021, 25, 13-27. | 3.9 | 16 |
| 28 | Discovery of novel quinoline-based analogues of combretastatin A-4 as tubulin polymerisation inhibitors with apoptosis inducing activity and potent anticancer effect. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 802-818. | 5.2 | 15 |
| 29 | Molecular structure and spectroscopic investigations combined with hypoglycemic/anticancer and docking studies of a new barbituric acid derivative. Journal of Molecular Structure, 2017, 1134, 99-111. | 3.6 | 14 |
| 30 | Synthesis and Inhibitory Effect of Some Indoleâ€Pyrimidine Based Hybrid Heterocycles on Î±â€Glucosidase and Î±â€Amylase as Potential Hypoglycemic Agents. ChemistryOpen, 2019, 8, 1288-1297. | 1.9 | 13 |
| 31 | Synthesis of Pyridine-Dicarboxamide-Cyclohexanone Derivatives: Anticancer and Î±-Glucosidase Inhibitory Activities and In Silico Study. Molecules, 2019, 24, 1332. | 3.8 | 12 |
| 32 | Potent Quinoline-Containing Combretastatin A-4 Analogues: Design, Synthesis, Antiproliferative, and Anti-Tubulin Activity. Pharmaceuticals, 2020, 13, 393. | 3.8 | 12 |
| 33 | New 2-Oxopyridine/2-Thiopyridine Derivatives Tethered to a Benzotriazole with Cytotoxicity on MCF7 Cell Lines and with Antiviral Activities. Letters in Drug Design and Discovery, 2020, 17, 124-137. | 0.7 | 12 |
| 34 | Design, synthesis and biological study of hybrid drug candidates of nitric oxide releasing cucurbitacin-inspired estrone analogs for treatment of hepatocellular carcinoma. Bioorganic Chemistry, 2019, 85, 515-533. | 4.1 | 10 |
| 35 | 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. Bioorganic Chemistry, 2020, 105, 104352. | 4.1 | 10 |
| 36 | Design and synthesis of pyrazolo[3,4-d]pyrimidinone derivatives: Discovery of selective phosphodiesterase-5 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127337. | 2.2 | 10 |

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|---|---|---|---|
| 37 | In Vitro and In Vivo Antiviral Studies of New Heteroannulated 1,2,3-Triazole Glycosides Targeting the Neuraminidase of Influenza A Viruses. Pharmaceuticals, 2022, 15, 351. | 3.8 | 10 |
| 38 | A new barbituric acid derivatives as reactive oxygen scavenger: Experimental and theoretical investigations. Journal of Molecular Structure, 2019, 1175, 524-535. | 3.6 | 8 |
| 39 | A review on the synthesis of heteroannulated quinolones and their biological activities. Molecular Diversity, 2021, , 1. | 3.9 | 7 |
| 40 | Lipid polymer hybrid nanocarriers as a combinatory platform for different anti-SARS-CoV-2 drugs supported by computational studies. RSC Advances, 2021, 11, 28876-28891. | 3.6 | 4 |
| 41 | Multifunctional Isosteric Pyridine Analogs-Based 2-Aminothiazole: Design, Synthesis, and Potential Phosphodiesterase-5 Inhibitory Activity. Molecules, 2021, 26, 902. | 3.8 | 4 |
| 42 | Regioselective formation of new 3-S-alkylated-1,2,4-triazole-quinolones. Journal of Sulfur Chemistry, 2022, 43, 215-231. | 2.0 | 2 |
| 43 | Intelligent Drug Descriptors Analysis: Toward COVID-19 Drug Repurposing. Studies in Computational Intelligence, 2022, , 173-191. | 0.9 | 2 |