

Mohamed Elagawany

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

373
citations

840776

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35
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-based design and synthesis of conformationally constrained derivatives of methyl-piperidinopyrazole (MPP) with estrogen receptor (ER) antagonist activity. <i>Bioorganic Chemistry</i> , 2022, 119, 105554.	4.1	4
2	Novel synthesis of benzotriazolyl alkyl esters: an unprecedented CH ₂ insertion. <i>RSC Advances</i> , 2021, 11, 7564-7569.	3.6	4
3	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> , 2020, 105, 104352.	4.1	10
4	An Efficient Greener Approach for N-acylation of Amines in Water Using Benzotriazole Chemistry. <i>Molecules</i> , 2020, 25, 2501.	3.8	5
5	Modulation of estrogen-related receptors subtype selectivity: Conversion of an ER α selective agonist to ER α /ER β pan agonists. <i>Bioorganic Chemistry</i> , 2020, 102, 104079.	4.1	10
6	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl)/1-naphthyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54799, 103782.	4.1	32
7	Catalyst-and organic solvent-free synthesis, structural, and theoretical studies of 1-arylidenamino-2,4-disubstituted-2-imidazoline-5-ones. <i>Results in Chemistry</i> , 2020, 2, 100042.	2.0	6
8	Expanding the anticancer potential of 1,2,3-triazoles via simultaneously targeting Cyclooxygenase-2, 15-lipoxygenase and tumor-associated carbonic anhydrases. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112439.	5.5	40
9	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acidâ€‘isoniazid hybrid conjugates. <i>RSC Advances</i> , 2019, 9, 20450-20462.	3.6	15
10	Catalyst- and organic solvent-free synthesis of thioacids in water. <i>Tetrahedron Letters</i> , 2019, 60, 2018-2021.	1.4	10
11	Baclofen impurities: Facile synthesis and novel environmentally benign chromatographic method for their simultaneous determination in baclofen. <i>Biomedical Chromatography</i> , 2019, 33, e4579.	1.7	3
12	Development of novel liverâ€‘Xâ€‘receptor modulators based on a 1,2,4-triazole scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 449-453.	2.2	17
13	Biological evaluation and molecular docking study of metabolites from <i>Salvadora Persica L.</i> Growing in Egypt. <i>Pharmacognosy Magazine</i> , 2019, 15, 232.	0.6	19
14	Synthesis and Evaluation of Troponoids as a New Class of Antibiotics. <i>ACS Omega</i> , 2018, 3, 15125-15133.	3.5	22
15	Identification of 4-isopropylâ€‘thiotropolone as a novel anti-microbial: regioselective synthesis, NMR characterization, and biological evaluation. <i>RSC Advances</i> , 2018, 8, 29967-29975.	3.6	8
16	Efficient UPLC and CE methods for the simultaneous determination of azelastine hydrochloride and its genotoxic impurity. <i>Biomedical Chromatography</i> , 2018, 32, e4346.	1.7	8
17	Efficient Synthesis of Pyrazinoic Acid Hybrid Conjugates. <i>SynOpen</i> , 2017, 01, 0050-0058.	1.7	3
18	Different Spectrophotometric and Chromatographic Methods for Determination of Mepivacaine and Its Toxic Impurity. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1392-1399.	1.5	7

#	ARTICLE	IF	CITATIONS
19	Synthesis and Anticancer Studies of Novel N-benzyl Pyridazine Derivatives. Letters in Drug Design and Discovery, 2017, 14, .	0.7	3
20	Green and catalyst-free synthesis of olsalazine analogs. Green Chemistry Letters and Reviews, 2016, 9, 91-95.	4.7	5
21	One-pot synthesis of bi- and tricyclic heterocyclic compounds using benzotriazole chemistry. Tetrahedron Letters, 2016, 57, 4910-4913.	1.4	11
22	An improved route for the synthesis of Rolloamide B. Tetrahedron Letters, 2016, 57, 3837-3840.	1.4	3
23	Synthesis and Antiviral Bioassay of New Diphenyl Ether-based Compounds. Chemical Biology and Drug Design, 2016, 88, 511-518.	3.2	5
24	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. Organic and Biomolecular Chemistry, 2015, 13, 9492-9503.	2.8	35
25	“Pyridopyridazine”: A Versatile Nucleus in Pharmaceutical Field. Journal of Biosciences and Medicines, 2015, 03, 59-66.	0.2	2
26	Chemical ligation from O-acyl isopeptides via 8- and 11-membered cyclic transition states. Arkivoc, 2014, 2014, 91-106.	0.5	4
27	Total synthesis of cyclic heptapeptide Rolloamide B. Chemical Communications, 2013, 49, 2631.	4.1	16
28	Design, synthesis, and molecular modelling of pyridazinone and phthalazinone derivatives as protein kinases inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2007-2013.	2.2	27
29	Synthesis and Antiproliferative Effects of 5,6-Disubstituted Pyridazin-3(2H)-ones Designed as Conformationally Constrained Combretastatin A-4 Analogues. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 1133-1140.	1.7	6
30	Microwave-Assisted Regiospecific Synthesis of Pseudohalohydrin Esters. Synlett, 2012, 23, 1384-1388.	1.8	7
31	Palladium-Catalyzed Synthesis of Substituted Pyrido[2,3-d]pyridazines at Positions 5 and 8. Synthesis, 2012, 44, 3216-3224.	2.3	6
32	Traceless chemical ligations from O-acyl serine sites. Organic and Biomolecular Chemistry, 2012, 10, 4836.	2.8	19