

# Mohamed Elagawany

## List of Publications by Year in descending order

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32  
papers

373  
citations

840776

11  
h-index

839539

18  
g-index

35  
all docs

35  
docs citations

35  
times ranked

540  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9492-9503.	2.8	35
3	Design, synthesis and biological evaluation of novel 5-((substituted quinolin-3-yl)/1-naphthyl)) Tj ETQq1 1 0.784314 rgBT /Overlock 1099, 103782.	4.1	32
4	Design, synthesis, and molecular modelling of pyridazinone and phthalazinone derivatives as protein kinases inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2007-2013.	2.2	27
5	Synthesis and Evaluation of Troponoids as a New Class of Antibiotics. <i>ACS Omega</i> , 2018, 3, 15125-15133.	3.5	22
6	Traceless chemical ligations from O-acyl serine sites. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4836.	2.8	19
7	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
8	Development of novel liver $\alpha$ -receptor modulators based on a 1,2,4-triazole scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 449-453.	2.2	17
9	Total synthesis of cyclic heptapeptide Rolloamide B. <i>Chemical Communications</i> , 2013, 49, 2631.	4.1	16
10	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acid $\alpha$ -isoniazid hybrid conjugates. <i>RSC Advances</i> , 2019, 9, 20450-20462.	3.6	15
11	One-pot synthesis of bi- and tricyclic heterocyclic compounds using benzotriazole chemistry. <i>Tetrahedron Letters</i> , 2016, 57, 4910-4913.	1.4	11
12	Catalyst- and organic solvent-free synthesis of thioacids in water. <i>Tetrahedron Letters</i> , 2019, 60, 2018-2021.	1.4	10
13	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
14	Modulation of estrogen-related receptors subtype selectivity: Conversion of an ERR $\alpha$ selective agonist to ERR $\alpha$ /ERR $\beta$ pan agonists. <i>Bioorganic Chemistry</i> , 2020, 102, 104079.	4.1	10
15	Identification of 4-isopropyl $\alpha$ -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	Microwave-Assisted Regiospecific Synthesis of Pseudohalohydrin Esters. <i>Synlett</i> , 2012, 23, 1384-1388.	1.8	7
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

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19	Palladium-Catalyzed Synthesis of Substituted Pyrido[2,3-d]pyridazines at Positions 5 and 8. <i>Synthesis</i> , 2012, 44, 3216-3224.	2.3	6
20	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
21	Synthesis and Antiproliferative Effects of 5,6-Disubstituted Pyridazin-3(2H)-ones Designed as Conformationally Constrained Combretastatin A-4 Analogues. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 1133-1140.	1.7	6
22	Green and catalyst-free synthesis of olsalazine analogs. <i>Green Chemistry Letters and Reviews</i> , 2016, 9, 91-95.	4.7	5
23	Synthesis and Antiviral Bioassay of New Diphenyl Ether-based Compounds. <i>Chemical Biology and Drug Design</i> , 2016, 88, 511-518.	3.2	5
24	An Efficient Greener Approach for N-acylation of Amines in Water Using Benzotriazole Chemistry. <i>Molecules</i> , 2020, 25, 2501.	3.8	5
25	Novel synthesis of benzotriazolyl alkyl esters: an unprecedented CH <sub>2</sub> insertion. <i>RSC Advances</i> , 2021, 11, 7564-7569.	3.6	4
26	Chemical ligation from O-acyl isopeptides via 8- and 11-membered cyclic transition states. <i>Arkivoc</i> , 2014, 2014, 91-106.	0.5	4
27	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
28	An improved route for the synthesis of Rolloamide B. <i>Tetrahedron Letters</i> , 2016, 57, 3837-3840.	1.4	3
29	Efficient Synthesis of Pyrazinoic Acid Hybrid Conjugates. <i>SynOpen</i> , 2017, 01, 0050-0058.	1.7	3
30	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
31	Synthesis and Anticancer Studies of Novel N-benzyl Pyridazine Derivatives. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.7	3
32	“Pyridopyridazine”: A Versatile Nucleus in Pharmaceutical Field. <i>Journal of Biosciences and Medicines</i> , 2015, 03, 59-66.	0.2	2