

# Mohammed F El-Behairy

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	202 citations	6 h-index	13 g-index
35 ext. papers	237 ext. citations	3 avg, IF	2.91 L-index

#	Paper	IF	Citations
31	Uracil as a Zn-Binding Bioisostere of the Allergic Benzenesulfonamide in the Design of QuinolineUracil Hybrids as Anticancer Carbonic Anhydrase Inhibitors. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 494	5.2	0
30	Design, Synthesis, Biological Evaluation, and Computational Studies of Novel Fluorinated Candidates as PI3K Inhibitors: Targeting Fluorophilic Binding Sites. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 17468-17485	8.3	1
29	Enantioselective Chromatographic Separation and Lipase Catalyzed Asymmetric Resolution of Biologically Important Chiral Amines. <i>Separations</i> , <b>2021</b> , 8, 165	3.1	0
28	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
27	Design, synthesis, biological evaluation, and computational studies of novel thiazolo-pyrazole hybrids as promising selective COX-2 inhibitors: Implementation of apoptotic genes expression for ulcerogenic liability assessment. <i>Bioorganic Chemistry</i> , <b>2021</b> , 111, 104883	5.1	4
26	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
25	New Adenosine Derivatives From L.: In Vitro Anticholinesterase, Antimicrobial, and Cytotoxic Evaluation of Its Extracts. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
24	Enantioselective Separation of Chiral N1-Substituted-1-pyrazoles: Greenness Profile Assessment and Chiral Recognition Analysis. <i>ACS Omega</i> , <b>2021</b> , 6, 25835-25841	3.9	0
23	Discovery of 4-benzyloxy and 4-(2-phenylethoxy) chalcone fibrates hybrids as novel PPAR $\alpha$ agonists with anti-hyperlipidemic and antioxidant activities: Design, synthesis and in vitro/in vivo biological evaluation. <i>Bioorganic Chemistry</i> , <b>2021</b> , 115, 105170	5.1	2
22	Insights into flibanserine oxidative stress degradation pathway: in silico In vitro toxicity assessment of its degradates. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 2620-2630	3.6	3
21	Identification, isolation, structural characterization, toxicity prediction and cytotoxicity assay of simeprevir acidic and oxidative degradation products.. <i>RSC Advances</i> , <b>2020</b> , 10, 42816-42826	3.7	1
20	Chirobiotic V Versus Chiralpak ID for the Enantioselective Chromatographic Separation of Chloroquine: Stability and Validation Study. <i>Journal of Chromatographic Science</i> , <b>2019</b> , 57, 443-450	1.4	1
19	In vitro activity of dihydropyrazole derivatives against Candida species. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , <b>2018</b> , 56, 80-82	1	2
18	DESIGN, SYNTHESIS AND ANTICONVULSANT PROFILE OF 5-(BENZO [D][1,3]DIOXOL-5-YL)-3-TERT-BUTYL-4, 5-DIHYDROPYRAZOLE DERIVATIVES. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2017</b> , 9, 180	0.3	1
17	One-step lipase-catalysed preparation of eslicarbazepine. <i>RSC Advances</i> , <b>2016</b> , 6, 98730-98736	3.7	4
16	Polar solvent effects on tartaric acid binding by aromatic oligoamide foldamer capsules. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 2466-72	3.9	9
15	Enantioselective HPLC separation of bioactive C5-chiral 2-pyrazolines on lux amylose-2 and lux cellulose-2: Comparative and mechanistic approaches. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2016</b> , 39, 346-353	1.3	5

14	Anticonvulsant potential of certain N-(6-substituted benzo[d] thiazol-2-yl)-2-(4-substituted piperazin-1-yl)acetamides. <i>Egyptian Pharmaceutical Journal(Egypt)</i> , <b>2016</b> , 15, 62	0.6	3
13	Analysis of Stiripentol Enantiomers on Several Chiral Stationary Phases: A Comparative Study. <i>Chromatographia</i> , <b>2015</b> , 78, 267-271	2.1	6
12	Design, synthesis and antibacterial potential of 5-(benzo[d][1,3]dioxol-5-yl)-3-tert-butyl-1-substituted-4,5-dihydropyrazoles. <i>Saudi Pharmaceutical Journal</i> , <b>2015</b> , 23, 202-9	4.4	9
11	Design, synthesis, and biological profile of novel N-(5-aryl-1,3,4-thiadiazol-2-yl) hydrazinecarboxamides. <i>European Journal of Chemistry</i> , <b>2014</b> , 5, 488-496	0.6	5
10	Enantiopure dihalocyclopropyl alcohols and esters by lipase catalyzed kinetic resolution. <i>Journal of Biotechnology</i> , <b>2013</b> , 168, 284-8	3.7	4
9	Synthesis of the antiepileptic (R)-Stiripentol by a combination of lipase catalyzed resolution and alkene metathesis. <i>Tetrahedron: Asymmetry</i> , <b>2013</b> , 24, 285-289		10
8	Desymmetrization of cbz-serinol catalyzed by crude pig pancreatic lipase reveals action of lipases with opposite enantioselectivity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2013</b> , 85-86, 134-139		4
7	Design and synthesis of novel stiripentol analogues as potential anticonvulsants. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 47, 360-9	6.8	65
6	Lipase Catalysed Kinetic Resolution of Stiripentol. <i>International Journal of Chemistry</i> , <b>2012</b> , 4,	1.1	1
5	(E)-1-(1,3-Benzodioxol-5-yl)-4,4-di-methyl-pent-1-en-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o634		2
4	Lipase-mediated enantioselective kinetic resolution of racemic acidic drugs in non-standard organic solvents: Direct chiral liquid chromatography monitoring and accurate determination of the enantiomeric excesses. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 1063-74	4.5	35
3	Solvent Versatility of Immobilized Amylose and Cellulose-Based Chiral Stationary Phases in Enantioselective LC Separation and Monitoring of Bio-Catalyzed Resolutions of Acidic Drugs in Non-Standard Organic Solvents. <i>Chromatographia</i> , <b>2009</b> , 70, 349-363	2.1	6
2	Direct enantioselective HPLC monitoring of lipase-catalyzed kinetic resolution of tiaprofenic acid in nonstandard HPLC organic solvents. <i>Chirality</i> , <b>2008</b> , 20, 871-7	2.1	6
1	Direct Enantioselective HPLC Monitoring of Lipase-Catalyzed Kinetic Resolution of 2-Phenoxy Propionic Acid in Non-Standard Organic Solvents. <i>Chromatographia</i> , <b>2007</b> , 65, 681-686	2.1	4