

Mohammed F El-Behairy

List of Publications by Year in descending order

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33
papers

304
citations

1162889

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35
all docs

35
docs citations

35
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of novel stiripentol analogues as potential anticonvulsants. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 360-369.	2.6	74
2	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> , 2010, 1217, 1063-1074.	1.8	39
3	Structure- and Ligand-Based in silico Studies towards the Repurposing of Marine Bioactive Compounds to Target SARS-CoV-2. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103092.	2.3	18
4	Discovery of 4-benzyloxy and 4-(2-phenylethoxy) chalcone fibrates hybrids as novel PPAR α agonists with anti-hyperlipidemic and antioxidant activities: Design, synthesis and in vitro/in vivo biological evaluation. <i>Bioorganic Chemistry</i> , 2021, 115, 105170.	2.0	12
5	Synthesis of the antiepileptic (R)-Stiripentol by a combination of lipase catalyzed resolution and alkene metathesis. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 285-289.	1.8	11
6	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> , 2015, 23, 202-209.	1.2	11
7	Polar solvent effects on tartaric acid binding by aromatic oligoamide foldamer capsules. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2466-2472.	1.5	11
8	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> , 2021, 111, 104883.	2.0	10
9	Uracil as a Zn-Binding Bioisostere of the Allergic Benzenesulfonamide in the Design of Quinoline-Uracil Hybrids as Anticancer Carbonic Anhydrase Inhibitors. <i>Pharmaceuticals</i> , 2022, 15, 494.	1.7	10
10	The anti-COVID-19 drug Favipiravir: Degradation, Method development, Validation, NMR/LC-MS characterization, and In-vitro safety evaluation. <i>Chemical Papers</i> , 2022, 76, 6415-6426.	1.0	8
11	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> , 2009, 70, 349-363.	0.7	7
12	Analysis of Stiripentol Enantiomers on Several Chiral Stationary Phases: A Comparative Study. <i>Chromatographia</i> , 2015, 78, 267-271.	0.7	7
13	New Adenosine Derivatives from <i>Aizoon canariense</i> L.: In Vitro Anticholinesterase, Antimicrobial, and Cytotoxic Evaluation of Its Extracts. <i>Molecules</i> , 2021, 26, 1198.	1.7	7
14	Direct enantioselective HPLC monitoring of lipase-catalyzed kinetic resolution of tiaprofenic acid in nonstandard HPLC organic solvents. <i>Chirality</i> , 2008, 20, 871-877.	1.3	6
15	Design, synthesis, and biological profile of novel N-(5-aryl-1,3,4-thiadiazol-2-yl) hydrazinecarboxamides. <i>European Journal of Chemistry</i> , 2014, 5, 488-496.	0.3	6
16	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> , 2016, 39, 346-353.	0.5	6
17	Design, Synthesis, Biological Evaluation, and Computational Studies of Novel Fluorinated Candidates as PI3K Inhibitors: Targeting Fluorophilic Binding Sites. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17468-17485.	2.9	6
18	Enantiopure dihalocyclopropyl alcohols and esters by lipase catalyzed kinetic resolution. <i>Journal of Biotechnology</i> , 2013, 168, 284-288.	1.9	5

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19	One-step lipase-catalysed preparation of eslicarbazepine. RSC Advances, 2016, 6, 98730-98736.	1.7	5
20	DESIGN, SYNTHESIS AND ANTICONVULSANT PROFILE OF 5-(BENZO [D][1,3]DIOXOL-5-YL)-3-TERT-BUTYL-4, 5-DIHYDROPYRAZOLE DERIVATIVES. International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 180.	0.3	5
21	Insights into flibanserin oxidative stress degradation pathway: <i>in silico</i> & <i>in vitro</i> toxicity assessment of its degradates. New Journal of Chemistry, 2021, 45, 2620-2630.	1.4	5
22	Anticonvulsant potential of certain N-(6-substituted benzo[d] thiazol-2-yl)-2-(4-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	0.1	5
23	Direct Enantioselective HPLC Monitoring of Lipase-Catalyzed Kinetic Resolution of 2-Phenoxy Propionic Acid in Non-Standard Organic Solvents. Chromatographia, 2007, 65, 681-686.	0.7	4
24	Desymmetrization of cbz-serinol catalyzed by crude pig pancreatic lipase reveals action of lipases with opposite enantioselectivity. Journal of Molecular Catalysis B: Enzymatic, 2013, 85-86, 134-139.	1.8	4
25	In vitro activity of dihydropyrazole derivatives against Candida species. Bulletin of Faculty of Pharmacy, Cairo University, 2018, 56, 80-82.	0.2	4
26	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.	1.7	4
27	Identification, isolation, structural characterization, <i>in silico</i> toxicity prediction and <i>in vitro</i> cytotoxicity assay of simeprevir acidic and oxidative degradation products. RSC Advances, 2020, 10, 42816-42826.	1.7	3
28	Enantioselective Separation of Chiral N1-Substituted-1 <i>H</i> -pyrazoles: Greenness Profile Assessment and Chiral Recognition Analysis. ACS Omega, 2021, 6, 25835-25841.	1.6	3
29	(E)-1-(1,3-Benzodioxol-5-yl)-4,4-dimethylpent-1-en-3-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o634-o634.	0.2	2
30	Lipase Catalysed Kinetic Resolution of Stiripentol. International Journal of Chemistry, 2012, 4, .	0.3	2
31	Enantioselective Chromatographic Separation and Lipase Catalyzed Asymmetric Resolution of Biologically Important Chiral Amines. Separations, 2021, 8, 165.	1.1	2
32	Chirobiotic V Versus Chiralpak ID for the Enantioselective Chromatographic Separation of Chloroquine: Stability and Validation Study. Journal of Chromatographic Science, 2019, 57, 443-450.	0.7	1
33	Straightforward Determination of Sodium Hyaluronate in Active Pharmaceutical Ingredient and Ophthalmic Formulations: Validation and Stability Study. Journal of Advanced Pharmacy Research, 2020, 4, 147-152.	0.1	1