

# Mohamed M Hefnawy

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

394  
citations

932766

10  
h-index

794141

19  
g-index

32  
all docs

32  
docs citations

32  
times ranked

603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of GC-MS method for determination of methcathinone and its main metabolite in mice plasma and brain tissue after SPE: Pharmacokinetic and distribution study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113798.	1.4	6
2	Design, synthesis, and analysis of antiproliferative and apoptosis-inducing activities of nitrile derivatives containing a benzofuran scaffold: EGFR inhibition assay and molecular modelling study. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1487-1498.	2.5	4
3	Development and Validation of a Chiral Liquid Chromatographic Assay for Enantiomeric Separation and Quantification of Verapamil in Rat Plasma: Stereoselective Pharmacokinetic Application. <i>Molecules</i> , 2021, 26, 2091.	1.7	5
4	Rapid and sensitive LC-MS/MS method for the enantioanalysis of verapamil in rat plasma using superficially porous silica isopropyl-cyclofructan 6 chiral stationary phase after SPE: Application to a stereoselective pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 201, 114108.	1.4	5
5	Evaluation of the pharmacokinetics of the simultaneous quantification of letrozole and palbociclib in rat plasma by a developed and validated HPLC-PDA. <i>Acta Chromatographica</i> , 2020, 32, 170-178.	0.7	4
6	Validated Microwell-Based Spectrofluorimetric Method for Quantification of Ravidasvir (New Anti-Chronic Hepatitis C Virus-GT4) in Rat Plasma and Its Application to Pharmacokinetic Study. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4377-4385.	2.0	0
7	Effective quantification of ravidasvir (an NS5A inhibitor) and sofosbuvir in rat plasma by validated LC-MS/MS method and its application to pharmacokinetic study. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8160-8171.	2.3	5
8	Exploring structure-activity relationship of S-substituted 2-mercaptoquinazolin-4(3H)-one including 4-ethylbenzenesulfonamides as human carbonic anhydrase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 598-609.	2.5	12
9	New anthranilic acid-incorporating N-benzenesulfonamidophthalimides as potent inhibitors of carbonic anhydrases I, II, IX, and XII: Synthesis, in vitro testing, and in silico assessment. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111573.	2.6	14
10	New bioanalytical microemulsion Electrokinetic chromatography method for the simultaneous determination of Trifluridine with its metabolites and Tipiracil in rat plasma: Application to pharmacokinetic studies. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1075-1084.	1.2	5
11	Synthesis and comparative carbonic anhydrase inhibition of new Schiff bases incorporating benzenesulfonamide, methanesulfonamide, and methylsulfonylbenzene scaffolds. <i>Bioorganic Chemistry</i> , 2019, 92, 103225.	2.0	15
12	Design, synthesis, and carbonic anhydrase inhibition activity of benzenesulfonamide-linked novel pyrazoline derivatives. <i>Bioorganic Chemistry</i> , 2019, 87, 425-431.	2.0	31
13	Fast and Sensitive Liquid Chromatography Method for Simultaneous Determination of Methylisothiazolinone, Salicylic Acid and Parabens in Cosmetic Products. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	3
14	A Highly Efficient Liquid Chromatography Method for the Determination of Synthetic Cannabinoid 5F-PB-22 in Mice Plasma at Nano- Concentration Range: Application to Pharmacokinetic Study. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	0
15	Spectrofluorimetric determination of dopamine receptor antagonist LE 300 in mice plasma. <i>Luminescence</i> , 2016, 31, 63-66.	1.5	3
16	Synthesis, biological evaluation and molecular modeling study of thiadiazolo[3,2-a][1,3]diazepine analogues of HIE-124 as a new class of short acting hypnotics. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 237-247.	2.6	8
17	Synthesis, biological evaluation and molecular modeling study of some new thiazolodiazepine analogs as CNS active agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 445-453.	1.0	4
18	Selective microemulsion liquid chromatography analysis of dopamine receptor antagonist LE300 and its N-methyl metabolite in mouse sera by using a monolithic silica column. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 989, 104-111.	1.2	8

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19	Selective Analysis of Dopamine Receptor Antagonist LE300 and its N-Methyl Metabolite in Mouse Sera at the Trace Level by HPLC-Fluorescence Detection. <i>Chromatographia</i> , 2015, 78, 655-661.	0.7	4
20	Beetroot ( <i>Beta vulgaris</i> ) Extract Ameliorates Gentamicin-Induced Nephrotoxicity Associated Oxidative Stress, Inflammation, and Apoptosis in Rodent Model. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.	1.4	100
21	Multi-objective optimization strategy based on desirability functions used for electrophoretic separation and quantification of rosiglitazone and glimepiride in plasma and formulations. <i>Drug Testing and Analysis</i> , 2012, 4, 39-47.	1.6	5
22	Stereoselective HPLC analysis of tertatolol in rat plasma using macrocyclic antibiotic chiral stationary phase. <i>Chirality</i> , 2011, 23, 333-338.	1.3	7
23	Novel, selective sample stacking microemulsion electrokinetic capillary chromatography induced by reverse migrating pseudostationary phase for the determination of the new ultra-short acting hypnotic HIE-124 in mice serum. <i>Analytica Chimica Acta</i> , 2010, 673, 194-199.	2.6	13
24	Rapid and sensitive simultaneous determination of ezetimibe and simvastatin from their combination drug products by monolithic silica high-performance liquid chromatographic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 527-534.	1.4	46
25	Enantioanalysis of Tertatolol in Plasma and Pharmaceutical Formulations with Immobilized Polysaccharide-Derived HPLC Chiral Column at Nano-detection Level. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 1934-1952.	0.5	2
26	Development of Capillary Electrophoresis Technique for Simultaneous Measurement of Amlodipine and Atorvastatin from Their Combination Drug Formulations. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2923-2942.	0.5	28
27	HPLC separation technique for analysis of bufuralol enantiomers in plasma and pharmaceutical formulations using a vancomycin chiral stationary phase and UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 856, 328-336.	1.2	19
28	Direct enantiomeric resolution of betaxolol with application to analysis of pharmaceutical products. <i>Analytical Chemistry Insights</i> , 2007, 1, 13-20.	2.7	2
29	Development of an HPLC Method for the Quantitation of Bisoprolol Enantiomers in Pharmaceutical Products using a Teicoplanin Chiral Stationary Phase and Fluorescence Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 2901-2914.	0.5	15
30	Optimization of the Chiral Resolution of Metyrosine by Capillary Electrophoresis and/or Micellar Electrokinetic Capillary Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 439-452.	0.5	3
31	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY DETERMINATION OF ROGLETIMIDE ENANTIOMERS IN SERUM USING A REVERSED PHASE CELLULOSE-BASED CHIRAL STATIONARY PHASE AND SOLID-PHASE EXTRACTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 781-790.	0.5	8
32	ENANTIOSELECTIVE DETERMINATION OF R(+) AND S(α) ROGLETIMIDE IN SERUM USING ALPHA-CYCLODEXTRIN MODIFIED CAPILLARY ELECTROPHORESIS AND SOLID PHASE EXTRACTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 791-804.	0.5	10