

Marwa A. Fouad

List of Publications by Year in descending order

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54
papers

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713013

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726
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Design of experiment (DOE), multiple response optimization and utilizing the desirability function in the simultaneous HPLC separation of five antihypertensive drugs. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 269-282. | 1.2 | 5 |
| 2 | Design, synthesis, biological evaluation, and molecular docking of new benzofuran and indole derivatives as tubulin polymerization inhibitors. <i>Drug Development Research</i> , 2022, 83, 485-500. | 1.4 | 6 |
| 3 | Lead generation of cysteine based mesenchymal epithelial transition (c-Met) kinase inhibitors: Using structure-based scaffold hopping, 3D-QSAR pharmacophore modeling, virtual screening, molecular docking, and molecular dynamics simulation. <i>Computers in Biology and Medicine</i> , 2022, 146, 105526. | 3.9 | 6 |
| 4 | Click chemistry-based synthesis of new benzenesulfonamide derivatives bearing triazole ring as selective carbonic anhydrase II inhibitors. <i>Drug Development Research</i> , 2022, 83, 1281-1291. | 1.4 | 7 |
| 5 | Synthesis and evaluation of a new series of spiro aryl dioxolane compounds: A new scaffold as potential poly(ADP-ribose)polymerase (PARP) inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 1944-1962. | 1.4 | 2 |
| 6 | Response Surface Methodology for Spectrophotometric Determination of Two β -Adrenergic Agonists-Terbium Chemosensors in Urine and Pharmaceutical Dosage Forms. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 355-367. | 0.7 | 0 |
| 7 | Spectrophotometric and spectrofluorimetric determinations of lomefloxacin lanthanum complex in tablets using multivariate modeling and optimization stratagem. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1825-1837. | 1.2 | 1 |
| 8 | Design and synthesis of new 1,4,5-trisubstituted triazole-bearing benzenesulphonamide moiety as selective COX-2 inhibitors. <i>Medicinal Chemistry Research</i> , 2021, 30, 1125-1138. | 1.1 | 17 |
| 9 | Synthesis of new hexahydropyrimido[1,2-a]azepine derivatives bearing functionalized aryl and heterocyclic moieties as anti-inflammatory agents. <i>Future Medicinal Chemistry</i> , 2021, 13, 625-641. | 1.1 | 1 |
| 10 | Experimental design optimization of simultaneous enantiomeric separation of atenolol and chlorthalidone binary mixture by high-performance liquid chromatography using polysaccharide-based stationary phases. <i>Chirality</i> , 2021, 33, 397-408. | 1.3 | 6 |
| 11 | Insight on a new indolinone derivative as an orally bioavailable lead compound against renal cell carcinoma. <i>Bioorganic Chemistry</i> , 2021, 112, 104985. | 2.0 | 13 |
| 12 | Analysis of Metformin and Five Gliptins in Counterfeit Herbal Products: Designs of Experiment Screening and Optimization. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 1667-1680. | 0.7 | 2 |
| 13 | Analysis of Aspirin, Prasugrel and Clopidogrel in Counterfeit Pharmaceutical and Herbal Products: Plackett-Burman Screening and Box-Behnken Optimization. <i>Journal of Chromatographic Science</i> , 2021, 59, 730-747. | 0.7 | 4 |
| 14 | Synthesis, biological evaluation and molecular docking of new sulfonamide-based indolinone derivatives as multitargeted kinase inhibitors against leukemia. <i>Bioorganic Chemistry</i> , 2021, 117, 105421. | 2.0 | 4 |
| 15 | DoE Screening and Optimization of Liquid Chromatographic Determination of Nicotinic Acid and Six Statins: Application to Pharmaceutical Preparations and Counterfeit Detection. <i>Journal of Chromatographic Science</i> , 2021, , . | 0.7 | 2 |
| 16 | Synthesis, molecular docking and biological evaluation of 2-(thiophen-2-yl)-1H-indoles as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103521. | 2.0 | 15 |
| 17 | New phosphazine and phosphazide derivatives as multifunctional ligands targeting acetylcholinesterase and β -Amyloid aggregation for treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2020, 95, 103499. | 2.0 | 12 |
| 18 | Study of gender-related pharmacokinetics of ezogabine in Egyptian volunteers by a validated LC-MS/MS bioanalytical method. <i>Journal of Advanced Research</i> , 2020, 22, 99-104. | 4.4 | 1 |

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|----|---|-----|-----------|
| 19 | Validated LC-MS/MS method for the determination of some prescribed CNS drugs: Application to an in vivo pharmacokinetic study of drug-herb metabolic interaction potential of khat. <i>Microchemical Journal</i> , 2020, 158, 105261. | 2.3 | 9 |
| 20 | Quantitative Nuclear Magnetic Resonance Spectroscopic Analysis of Two Commonly Used Gastrointestinal Tract Drugs. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 1208-1214. | 0.7 | 0 |
| 21 | Bioanalytical Study of the Effect of Lycopene on the Pharmacokinetics of Theophylline in Rats. <i>Pharmaceutical Chemistry Journal</i> , 2020, 53, 1053-1058. | 0.3 | 2 |
| 22 | A Versatile Stability-indicating Liquid Chromatographic Method for the Simultaneous Determination of Atenolol, Hydrochlorothiazide and Chlorthalidone. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 1037-1051. | 0.3 | 3 |
| 23 | Design, synthesis and biological evaluation of novel β -aminophosphonate oxadiazoles via optimized iron triflate catalyzed reaction as apoptotic inducers. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 310-320. | 2.6 | 26 |
| 24 | Synthesis and biological evaluation of new prodrugs of etodolac and tolfenamic acid with reduced ulcerogenic potential. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 140, 105101. | 1.9 | 13 |
| 25 | Analysis and bio-analysis of omarigliptin, trelagliptin and alogliptin: Applied to biological samples and degradation kinetic study. <i>Microchemical Journal</i> , 2019, 148, 253-261. | 2.3 | 15 |
| 26 | Screening and optimization of samarium-assisted complexation for the determination of norfloxacin, levofloxacin and lomefloxacin in their corresponding dosage forms employing spectrofluorimetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 578-587. | 2.0 | 15 |
| 27 | Roflumilast analogs with improved metabolic stability, plasma protein binding, and pharmacokinetic profile. <i>Drug Testing and Analysis</i> , 2019, 11, 886-897. | 1.6 | 7 |
| 28 | Design and optimization of a luminescent Samarium complex of isoprenaline: A chemometric approach based on Factorial design and Box-Behnken response surface methodology. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 208, 114-123. | 2.0 | 16 |
| 29 | Development and Validation of a Stability-Indicating Chromatographic Method for the Determination of Indacaterol Maleate with Glycopyrronium Bromide in Mixture. <i>Current Pharmaceutical Analysis</i> , 2019, 15, 694-702. | 0.3 | 3 |
| 30 | Synthesis and molecular docking of new roflumilast analogues as preferential-selective potent PDE-4B inhibitors with improved pharmacokinetic profile. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 477-486. | 2.6 | 10 |
| 31 | LC-MS/MS bioassay of four proton pump inhibitors. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 61-69. | 1.2 | 10 |
| 32 | QSRR modeling for the chromatographic retention behavior of some β -lactam antibiotics using forward and firefly variable selection algorithms coupled with multiple linear regression. <i>Journal of Chromatography A</i> , 2018, 1549, 51-62. | 1.8 | 20 |
| 33 | Synchronized Separation of Timolol from Some Prostaglandin Analogs (Bimatoprost, Latanoprost and) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Analytical Chemistry Letters</i> , 2018, 8, 76-87. | 0.4 | 5 |
| 34 | Synthesis and molecular docking of new imidazoquinazolinones as analgesic agents and selective COX-2 inhibitors. <i>Future Medicinal Chemistry</i> , 2017, 9, 553-578. | 1.1 | 17 |
| 35 | Quantitative analysis of anti-inflammatory drugs using FTIR-ATR spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 186, 59-65. | 2.0 | 23 |
| 36 | Multidrug efflux pumps and their role in antibiotic and antiseptic resistance: a pharmacodynamic perspective. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 301-309. | 1.5 | 43 |

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|----|---|-----|-----------|
| 37 | UPLC-MS-MS Method for the Determination of Vilazodone in Human Plasma: Application to a Pharmacokinetic Study. <i>Journal of Chromatographic Science</i> , 2016, 54, 1365-1372. | 0.7 | 14 |
| 38 | Synthesis and cytotoxic activities of some pyrazoline derivatives bearing phenyl pyridazine core as new apoptosis inducers. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 48-59. | 2.6 | 44 |
| 39 | Stability-Indicating RP-HPLC Methods for the Determination of Fluorometholone in Its Mixtures with Sodium Cromoglycate and Tetrahydrozoline Hydrochloride. <i>Journal of Chromatographic Science</i> , 2016, 54, 923-933. | 0.7 | 10 |
| 40 | Forced degradation of mometasone furoate and development of two RP-HPLC methods for its determination with formoterol fumarate or salicylic acid. <i>Arabian Journal of Chemistry</i> , 2016, 9, 493-505. | 2.3 | 18 |
| 41 | Ultra High Performance Liquid Chromatography Method for the Determination of Two Recently FDA Approved TKIs in Human Plasma Using Diode Array Detection. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-6. | 0.7 | 26 |
| 42 | An Eco-Friendly Direct Injection HPLC Method for Methyldopa Determination in Serum by Mixed-Mode Chromatography Using a Single Protein-Coated Column. <i>Journal of Chromatographic Science</i> , 2015, 53, 1353-1360. | 0.7 | 12 |
| 43 | A Combination of Isocratic and Gradient Elution Modes in HPLC with the Aid of Time-Overlapping Process for Rapid Determination of Methyldopa in Human Urine. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 153-162. | 0.5 | 5 |
| 44 | Preparation and characterization of two new forced degradation products of letrozole and development of a stability-indicating RP-LC method for its determination. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 2041-51. | 0.2 | 0 |
| 45 | Synthesis and Characterization of Maillard Reaction Products of Salbutamol and Terbutaline with Lactose and Development and Validation of an LC Method for the Determination of Salbutamol and Terbutaline in the Presence of These Impurities. <i>Analytical Chemistry Insights</i> , 2014, 9, 1. | 2.7 | 2 |
| 46 | Field-Amplified Sample Stacking β -Cyclodextrin Modified Capillary Electrophoresis for Quantitative Determination of Diastereomeric Saponins. <i>Journal of Chromatographic Science</i> , 2014, 52, 1308-1316. | 0.7 | 15 |
| 47 | DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF SITAGLIPTIN AND SIMVASTATIN IN THE PRESENCE OF THEIR DEGRADATION PRODUCTS IN BULK DRUG MIXTURE AND COMBINED PHARMACEUTICAL PREPARATIONS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1895-1908. | 0.5 | 5 |
| 48 | Forced degradation study and validated stability-indicating RP-LC method for determination of nilotinib in bulk and capsules. <i>Acta Chromatographica</i> , 2014, 26, 637-647. | 0.7 | 4 |
| 49 | Application of Chromatographic and Spectrophotometric Methods for The Analysis of Aliskiren and Hydrochlorothiazide Antihypertensive Combination.. <i>International Journal of Advanced Chemistry</i> , 2013, 1, . | 0.1 | 6 |
| 50 | Development and validation of a reversed-phase column liquid chromatographic method for simultaneous determination of two novel gliptins in their binary mixtures with Metformin. <i>European Journal of Chemistry</i> , 2012, 3, 152-155. | 0.3 | 28 |
| 51 | TWO LIQUID CHROMATOGRAPHIC METHODS FOR THE SIMULTANEOUS DETERMINATION OF IBUPROFEN AND METHOCARBAMOL OR CHLORZOXAZONE IN THE PRESENCE OF THEIR DEGRADATION PRODUCTS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 882-895. | 0.5 | 10 |
| 52 | Forced degradation study to develop and validate stability-indicating RP-LC method for the determination of ciclesonide in bulk drug and metered dose inhalers. <i>Talanta</i> , 2011, 87, 222-229. | 2.9 | 8 |
| 53 | Validated stability-indicating derivative and derivative ratio methods for the determination of some drugs used to alleviate respiratory tract disorders and their degradation products. <i>Drug Testing and Analysis</i> , 2011, 3, 306-318. | 1.6 | 24 |
| 54 | Validated analytical study of the effect of Lycopene on the pharmacokinetics of Paracetamol and Chlorzoxazone in rats. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 55, . | 1.2 | 0 |