

Marwa A A Ragab

List of Publications by Year in descending order

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papers

632
citations

687363

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713466

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55
all docs

55
docs citations

55
times ranked

556
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Green chemistry: Analytical and chromatography. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 839-852. | 1.0 | 58 |
| 2 | High performance liquid chromatography with photo diode array for separation and analysis of naproxen and esomeprazole in presence of their chiral impurities: Enantiomeric purity determination in tablets. Journal of Chromatography A, 2017, 1497, 110-117. | 3.7 | 39 |
| 3 | A validated stability-indicating HPLC method for simultaneous determination of Silymarin and Curcumin in various dosage forms. Arabian Journal of Chemistry, 2017, 10, S1711-S1725. | 4.9 | 38 |
| 4 | Development and Validation of a High-Performance Thin-Layer Chromatographic Method for the Simultaneous Determination of Two Binary Mixtures Containing Ketorolac Tromethamine with Phenylephrine Hydrochloride and with Febuxostat. Journal of Chromatographic Science, 2016, 54, 819-828. | 1.4 | 30 |
| 5 | Non-parametric linear regression of discrete Fourier transform convoluted chromatographic peak responses under non-ideal conditions of internal standard method. Talanta, 2010, 83, 93-109. | 5.5 | 27 |
| 6 | First derivative emission spectrofluorimetric method for the determination of LCZ696, a newly approved FDA supramolecular complex of valsartan and sacubitril in tablets. Luminescence, 2017, 32, 1417-1425. | 2.9 | 25 |
| 7 | Derivative emission spectrofluorimetry: Application to the analysis of newly approved FDA combination of ibuprofen and famotidine in tablets. Luminescence, 2015, 30, 760-767. | 2.9 | 24 |
| 8 | Application of derivative spectrophotometry under orthogonal polynomial at unequal intervals: Determination of metronidazole and nystatin in their pharmaceutical mixture. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 143, 281-287. | 3.9 | 20 |
| 9 | Experimental design and machine learning strategies for parameters screening and optimization of Hantzsch condensation reaction for the assay of sodium alendronate in oral solution. RSC Advances, 2015, 5, 6385-6394. | 3.6 | 20 |
| 10 | Chemometrics-assisted Spectrofluorimetric Determination of Two Co-administered Drugs of Major Interaction, Methotrexate and Aspirin, in Human Urine Following Acid-induced Hydrolysis. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 723-734. | 1.1 | 17 |
| 11 | Simultaneous Determination of Montelukast and Fexofenadine Using Fourier Transform Convolution Emission Data Under Non- Parametric Linear Regression Method. Journal of Fluorescence, 2013, 23, 1329-1340. | 2.5 | 16 |
| 12 | Comparative study of some robust statistical methods: weighted, parametric, and nonparametric linear regression of HPLC convoluted peak responses using internal standard method in drug bioavailability studies. Analytical and Bioanalytical Chemistry, 2013, 405, 4835-4848. | 3.7 | 16 |
| 13 | Convolution of Emission Derivative Ratio Curves of Closely Related Fluorescent Reaction Products Using Discrete Fourier Functions and Non-Parametric Linear Regression Method. Journal of Fluorescence, 2014, 24, 1745-1756. | 2.5 | 15 |
| 14 | Liquid Chromatographic Determination of Amikacin Sulphate after Pre-Column Derivatization. Journal of Chromatographic Science, 2014, 52, 837-847. | 1.4 | 14 |
| 15 | Green gas chromatographic stability-indicating method for the determination of Lacosamide in tablets. Application to in-vivo human urine profiling. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 75-85. | 2.3 | 14 |
| 16 | Derivative synchronous spectrofluorimetry: Application to the analysis of two binary mixtures containing codeine in dosage forms. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 677-684. | 3.9 | 14 |
| 17 | Recent Advances and Applications of Microfluidic Capillary Electrophoresis: A Comprehensive Review (2017 to Mid 2019). Critical Reviews in Analytical Chemistry, 2021, 51, 1-33. | 3.5 | 14 |
| 18 | Application of Capillary Zone Electrophoresis Coupled with a Diode Array Detector (CZE-DAD) for Simultaneous Analysis of Ibuprofen and Phenylephrine. Journal of AOAC INTERNATIONAL, 2019, 102, 473-479. | 1.5 | 13 |

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|----|--|-----|-----------|
| 19 | A validated high-performance thin-layer chromatographic method for the assay of two binary mixtures containing omeprazole or its isomer esomeprazole in pharmaceutical dosage forms. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 74-82. | 1.2 | 11 |
| 20 | HPTLC analysis of ternary mixture containing ketorolac tromethamine, phenylephrine hydrochloride, and chlorpheniramine maleate. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 869-876. | 1.0 | 11 |
| 21 | Determination of Ibuprofen and Phenylephrine in Tablets by High-Performance Thin Layer Chromatography and in Plasma by High-Performance Liquid Chromatography with Diode Array Detection. <i>Journal of Chromatographic Science</i> , 2019, 57, 592-599. | 1.4 | 11 |
| 22 | KINETIC INVESTIGATION OF PENTOXIFYLLINE BASED ON NONPARAMETRIC LINEAR REGRESSION OF DERIVATIVE AND CONVOLUTED DERIVATIVE CHROMATOGRAPHIC AND SPECTROPHOTOMETRIC RESPONSES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 475-497. | 1.0 | 10 |
| 23 | DISCRETE FOURIER TRANSFORM CONVOLUTED DENSITOMETRIC PEAK RESPONSES FOR THE DETERMINATION OF METHOCARBAMOL IN DIFFERENT PHARMACEUTICAL MIXTURES IN THE PRESENCE OF ITS DEGRADATION PRODUCT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1999-2020. | 1.0 | 10 |
| 24 | Chemometrics-assisted spectrophotometric green method for correcting interferences in biowaiver studies: Application to assay and dissolution profiling study of donepezil hydrochloride tablets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 328-339. | 3.9 | 10 |
| 25 | Diode array detection and derivative spectroscopic methods for stability study of Oxprenolol and Cyclopenthiazide in liquids. <i>Journal of Molecular Liquids</i> , 2017, 231, 314-324. | 4.9 | 9 |
| 26 | High performance thin-layer and high performance liquid chromatography coupled with photodiode array and fluorescence detectors for analysis of valsartan and sacubitril in their supramolecular complex with quantitation of sacubitril-related substance in raw material and tablets. <i>Journal of Chromatographic Science</i> , 2018, 56, 498-509. | 1.4 | 9 |
| 27 | Fast economic electrochemical assay for vitamins and heavy mineral components in honey samples of different botanical origin. <i>Microchemical Journal</i> , 2020, 155, 104770. | 4.5 | 9 |
| 28 | Development of a green stability-indicating HPLC-DAD method for the determination of donepezil hydrochloride in the presence of its related substance and degradation products. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 930-942. | 1.0 | 8 |
| 29 | Diode array detection for stability assessment and evaluation of degradation kinetics of newly introduced sacubitril in its supramolecular complex (LCZ696) with valsartan. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 33-42. | 1.0 | 8 |
| 30 | Investigation of the spectrofluorimetric behavior of azelastine and nepafenac: Determination in ophthalmic dosage forms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 260-266. | 3.9 | 8 |
| 31 | Voltammetric analysis of dantrolene and its active metabolite with indomethacin in rat plasma. <i>Bioanalysis</i> , 2019, 11, 73-84. | 1.5 | 8 |
| 32 | A validated stability indicating DAD-HPLC method for determination of pentoxifylline in presence of its pharmacopeial related substances. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2013, 51, 211-219. | 0.3 | 7 |
| 33 | Analysis of Closely Related Antioxidant Nutraceuticals Using the Green Analytical Methodology of ANN and Smart Spectrophotometric Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 8-17. | 1.5 | 7 |
| 34 | Spectrophotometric analysis of two eye preparations, vial and drops, containing ketorolac tromethamine and phenylephrine hydrochloride binary mixture and their ternary mixture with chlorpheniramine maleate. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2018, 56, 91-100. | 0.3 | 7 |
| 35 | Stability indicating HPLC-DAD method for analysis of Ketorolac binary and ternary mixtures in eye drops: Quantitative analysis in rabbit aqueous humor. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 218-225. | 2.3 | 6 |
| 36 | Box-Behnken response surface modeling assisted enantiomeric resolution of some racemic β -blockers using HPTLC and β -cyclodextrin as chiral mobile phase additive: Application to check the enantiomeric purity of betaxolol. <i>Chirality</i> , 2018, 30, 1195-1205. | 2.6 | 6 |

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|----|--|-----|-----------|
| 37 | Liquid Chromatography-Mass Spectrometry for muconic, mandelic, hippuric and methylhippuric acids analysis in human urine as metabolites for fuel exposure. <i>Microchemical Journal</i> , 2019, 149, 103992. | 4.5 | 6 |
| 38 | The use of Arrhenius kinetics to evaluate different hydrolytic stability of amiloride hydrochloride and cyclopentiazide using chromatographic methods. <i>Microchemical Journal</i> , 2019, 147, 682-690. | 4.5 | 6 |
| 39 | Derivative-Fourier transforms-polynomial fit: a coupling of interest in common non-ideal cases arises during trace metal analysis using graphite furnace atomic absorption spectrometry. <i>RSC Advances</i> , 2015, 5, 47866-47875. | 3.6 | 5 |
| 40 | Adsorption behavior of some metal ions on nanoparticles used in pharmaceutical matrices: Application to laboratory made drug formulation. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2017, 55, 155-162. | 0.3 | 5 |
| 41 | A Review on Analytical Strategies for the Assessment of Recently Approved Direct Acting Antiviral Drugs. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-23. | 3.5 | 5 |
| 42 | Development and Optimization of a Capillary Zone Electrophoresis Technique for Simultaneous Determination of Miconazole Nitrate and Hydrocortisone Acetate in a Cream Pharmaceutical Formulation. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 1295-1301. | 1.5 | 4 |
| 43 | Voltammetric study of valsartan-Ni complex: application to valsartan analysis in pharmaceuticals and in vivo human urine profiling. <i>Chemical Papers</i> , 2019, 73, 1209-1219. | 2.2 | 4 |
| 44 | Recent Analytical Methodologies for the Determination of Omeprazole and/or Its Active Isomer Esomeprazole in Different Matrices: A Critical Review. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 106-130. | 3.5 | 4 |
| 45 | HPLC with fluorescence detection for the bioanalysis and pharmacokinetic study of Doxorubicin and Prodigiosin loaded on eco-friendly casein nanomicelles in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1187, 123043. | 2.3 | 4 |
| 46 | Effect of Metoclopramide on the Excretion Rate of Paracetamol Using HPLC-DAD. <i>Journal of Chromatographic Science</i> , 2013, 51, 383-390. | 1.4 | 3 |
| 47 | Least median of squares and iteratively reweighted least squares as robust linear regression methods for fluorimetric determination of lipoic acid in capsules in ideal and non-ideal cases of linearity. <i>Luminescence</i> , 2018, 33, 742-750. | 2.9 | 3 |
| 48 | Stability Studies of Over the Counter Quaternary Mixture Containing Phenylephrine Hydrochloride, Chlorpheniramine Maleate, Paracetamol and Caffeine Using Different Chromatographic Methods. <i>Analytical Chemistry Letters</i> , 2018, 8, 331-347. | 1.0 | 3 |
| 49 | LC-MS bioanalysis of targeted nasal galantamine bound chitosan nanoparticles in rats' brain homogenate and plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5181-5191. | 3.7 | 3 |
| 50 | HPLC/Fluorescence-Diode Array Detection for Rapid and Reliable Determination of Illegal Synthetic Drugs in Male Sexual Herbal and Honey Remedies: Comparative Study with UFLC-MS. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 1288-1298. | 1.5 | 3 |
| 51 | MONITORING OF METRONIDAZOLE AND ITS METABOLITE RESIDUES IN EGGS OF TWO STRAINS OF HENS USING HPLC-DAD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2044-2058. | 1.0 | 2 |
| 52 | Green HPTLC and stability-indicating RP-HPLC for the assay of dextromethorphan hydrobromide and menthol in their lozenges. <i>Annales Pharmaceutiques Francaises</i> , 2020, 78, 368-378. | 1.0 | 2 |
| 53 | Investigation of using robust statistics: Weighted, parametric & non parametric linear regression of derivative/discrete Fourier transform HPLC convoluted peak responses for handling standard addition method data in bioanalysis. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2016, 54, 243-255. | 0.3 | 0 |
| 54 | In-depth investigation of the Silymarin effect on the pharmacokinetic parameters of sofosbuvir, GS-331007 and ledipasvir in rat plasma using LC-MS. <i>Biomedical Chromatography</i> , 0, , . | 1.7 | 0 |