

Sherin Hammad

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

744
citations

516215

16
h-index

642321

23
g-index

54
all docs

54
docs citations

54
times ranked

441
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Experimental design approach for development of spectrofluorimetric method for determination of favipiravir; a potential therapeutic agent against COVID-19 virus: Application to spiked human plasma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119241. | 2.0 | 68 |
| 2 | Simultaneous determination of loratadine and pseudoephedrine sulfate in pharmaceutical formulation by RP-LC and derivative spectrophotometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 597-604. | 1.4 | 46 |
| 3 | Homogeneous liquid-liquid extraction as an alternative sample preparation technique for biomedical analysis. <i>Journal of Separation Science</i> , 2022, 45, 185-209. | 1.3 | 46 |
| 4 | Precolumn fluorescence labeling method for simultaneous determination of hydroxyzine and cetirizine in human serum. <i>Biomedical Chromatography</i> , 2007, 21, 1030-1035. | 0.8 | 28 |
| 5 | Ligand exchange method for determination of mole ratios of relatively weak metal complexes: a comparative study. <i>Chemistry Central Journal</i> , 2018, 12, 143. | 2.6 | 28 |
| 6 | Rapid microwave synthesis of N,S-doped carbon quantum dots as a novel turn off-on sensor for label-free determination of copper and etidronate disodium. <i>Analytica Chimica Acta</i> , 2022, 1197, 339491. | 2.6 | 28 |
| 7 | Optimization and modeling of a green dual detected RP-HPLC method by UV and fluorescence detectors using two level full factorial design for simultaneous determination of sofosbuvir and ledipasvir: Application to average content and uniformity of dosage unit testing. <i>Microchemical Journal</i> , 2019, 147, 374-392. | 2.3 | 26 |
| 8 | Sugaring-out induced homogeneous liquid-liquid microextraction as an alternative mode for biological sample preparation: A comparative study. <i>Journal of Separation Science</i> , 2021, 44, 3117-3125. | 1.3 | 24 |
| 9 | Menthol-assisted homogenous liquid-liquid microextraction for HPLC/UV determination of favipiravir as an antiviral for COVID-19 in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1189, 123087. | 1.2 | 24 |
| 10 | Stability indicating RP-HPLC method for simultaneous determination of omeprazole and aspirin in the presence of salicylic acid as degradation product. <i>Microchemical Journal</i> , 2020, 152, 104350. | 2.3 | 22 |
| 11 | Green micellar HPLC-fluorescence method for simultaneous determination of metoprolol and amlodipine in their combined dosage form: Application on metoprolol in spiked human plasma. <i>Microchemical Journal</i> , 2019, 147, 635-642. | 2.3 | 21 |
| 12 | N-Doped Carbon Dots as a Fluorescent Nanosensor for Determination of Colchicine Based on Inner Filter Effect. <i>Journal of Fluorescence</i> , 2021, 31, 675-684. | 1.3 | 20 |
| 13 | Earth-friendly spectrophotometric methods for simultaneous determination of ledipasvir and sofosbuvir: Application to average content and uniformity of dosage unit testing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 398-409. | 2.0 | 19 |
| 14 | Chitosan-based molecular imprinted polymer for extraction and spectrophotometric determination of ketorolac in human plasma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118668. | 2.0 | 19 |
| 15 | Salting-out induced liquid-liquid microextraction for alogliptin benzoate determination in human plasma by HPLC/UV. <i>BMC Chemistry</i> , 2021, 15, 2. | 1.6 | 19 |
| 16 | Innovative Quality by Design Approach for Development of Green Micellar HPLC Method for Simultaneous Determination of Atorvastatin and Amlodipine. <i>Chromatographia</i> , 2020, 83, 1221-1231. | 0.7 | 18 |
| 17 | Validated spectrophotometric methods for simultaneous determination of nebivolol hydrochloride and valsartan in their tablet. <i>Microchemical Journal</i> , 2020, 155, 104741. | 2.3 | 18 |
| 18 | Determination of favipiravir in human plasma using homogeneous liquid-liquid microextraction followed by HPLC/UV. <i>Bioanalysis</i> , 2022, 14, 205-216. | 0.6 | 18 |

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|----|--|-----|-----------|
| 19 | Simultaneous determination of amlodipine and metoprolol in their combined dosage form using a synchronous fluorescence spectrofluorimetric method. <i>Luminescence</i> , 2018, 33, 364-369. | 1.5 | 16 |
| 20 | Electrodeposition of Ni nanoparticles from deep eutectic solvent and aqueous solution promoting high stability electrocatalyst for hydrogen and oxygen evolution reactions. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 1501-1517. | 1.2 | 14 |
| 21 | A gadolinium-based magnetic ionic liquid for supramolecular dispersive liquid-liquid microextraction followed by HPLC/UV for the determination of favipiravir in human plasma. <i>Biomedical Chromatography</i> , 2022, 36, e5365. | 0.8 | 13 |
| 22 | Development and Validation of Chemometric-Assisted Spectrophotometric Methods for Simultaneous Determination of Phenylephrine Hydrochloride and Ketorolac Tromethamine in Binary Combinations. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 1247-1251. | 0.7 | 12 |
| 23 | Enantioselective chitosan-based racemic ketoprofen imprinted polymer: Chiral recognition and resolution study. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 327-334. | 3.6 | 12 |
| 24 | Novel spectrofluorimetric quantification of linagliptin in biological fluids exploiting its interaction with 4-chloro-7-nitrobenzofurazan. <i>Luminescence</i> , 2020, 35, 626-635. | 1.5 | 11 |
| 25 | Electrodeposition of Ni nanoparticles from deep eutectic solvent and aqueous solution as electrocatalyst for methanol oxidation in acidic media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 15442-15453. | 3.8 | 11 |
| 26 | Three Spectrophotometric Methods for Determination of Alogliptin Benzoate and Pioglitazone HCl in Combined Tablet Dosage Form. <i>Analytical Chemistry Letters</i> , 2018, 8, 368-378. | 0.4 | 10 |
| 27 | Synchronous spectrofluorometric methods for simultaneous determination of diphenhydramine and ibuprofen or phenylephrine in combined pharmaceutical preparations. <i>Luminescence</i> , 2020, 35, 550-560. | 1.5 | 10 |
| 28 | Novel spectrofluorimetric quantification of alogliptin benzoate in biofluids exploiting its interaction with 4-chloro-7-nitrobenzofurazan. <i>Luminescence</i> , 2020, 35, 284-291. | 1.5 | 10 |
| 29 | A green homogeneous liquid-liquid microextraction method for spectrophotometric determination of daclatasvir in human plasma. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100498. | 1.6 | 10 |
| 30 | Simultaneous Determination of Diclofenac and Esomeprazole by Reversed phase Liquid Chromatography, Dual Wavelength and Derivative Spectrophotometry. <i>Journal of Analytical Chemistry</i> , 2019, 74, 458-466. | 0.4 | 9 |
| 31 | A green stability-indicating RP-HPLC-UV method using factorial design for determination of ribavirin, sofosbuvir and ledipasvir: Application to average content, acid degradation kinetics and in vitro drug interactions study. <i>Microchemical Journal</i> , 2020, 158, 105251. | 2.3 | 9 |
| 32 | A Novel Eplerenone Ecofriendly Fluorescent Nanosensor Based on Nitrogen and Sulfur-Carbon Quantum Dots. <i>Journal of Fluorescence</i> , 2021, 31, 85-90. | 1.3 | 9 |
| 33 | Micelle-enhanced spectrofluorimetric determination of diphenhydramine: application to human plasma and its simultaneous determination with naproxen in pharmaceutical tablets. <i>Luminescence</i> , 2021, 36, 733-741. | 1.5 | 9 |
| 34 | A novel strategy for ketorolac detection based on turn-on plasmonic enhanced FRET synchronous fluorometric sensor employing micellized chitosan/ AgNPs nanocomposites: Preparation and mechanism investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126182. | 2.3 | 9 |
| 35 | Fluorogenic derivatization of aryl halides based on the formation of biphenyl by Suzuki coupling reaction with phenylboronic acid. <i>Journal of Chromatography A</i> , 2009, 1216, 6873-6876. | 1.8 | 7 |
| 36 | Stability indicating RP-HPLC method for determination of dimethyl fumarate in presence of its main degradation products: Application to degradation kinetics. <i>Journal of Separation Science</i> , 2021, 44, 726-734. | 1.3 | 7 |

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|----|--|-----|-----------|
| 37 | The effect of electrodeposition potential on catalytic properties of Ni nanoparticles for hydrogen evolution reaction (HER) in alkaline media. <i>Journal of Applied Electrochemistry</i> , 2022, 52, 907-918. | 1.5 | 7 |
| 38 | Chemometric Approach Based on Factorial and Box-Behnken Designs for Determination of Anti Coronavirus Drug; Favipiravir in Bulk and Spiked Human Plasma by Green HPLC Method. <i>Turkish Journal of Analytical Chemistry</i> , 2021, 3, 70-78. | 0.3 | 7 |
| 39 | One-pot synthesis of fluorescent nitrogen and sulfur carbon quantum dots as a sensitive nanosensor for trimetazidine determination. <i>Luminescence</i> , 2021, 36, 1435-1443. | 1.5 | 6 |
| 40 | Green spectrophotometric methods for determination of a monosodium glutamate in different matrices. <i>Microchemical Journal</i> , 2021, 169, 106622. | 2.3 | 6 |
| 41 | Analytical quality by design based on design space in reversed-phase-high performance liquid chromatography analysis for simultaneous estimation of metformin, linagliptin and empagliflozin. <i>Royal Society Open Science</i> , 2022, 9, . | 1.1 | 6 |
| 42 | Chemometric spectrophotometric methods for simultaneous estimation of metoprolol succinate and amlodipine besylate in their tablet formulation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119641. | 2.0 | 5 |
| 43 | Multi-spectroscopic, thermodynamic and molecular docking studies to investigate the interaction of eplerenone with human serum albumin. <i>Luminescence</i> , 2022, 37, 1162-1173. | 1.5 | 5 |
| 44 | Online Postcolumn Indirect Detection for Determination of Ibandronate in Pharmaceutical Tablets by HPLC/DAD. <i>Journal of Analysis and Testing</i> , 2019, 3, 322-330. | 2.5 | 4 |
| 45 | HPLC Determination of Chlorpropamide in Human Serum by Fluorogenic Derivatization Based on the Suzuki Coupling Reaction with Phenylboronic Acid. <i>Chromatographia</i> , 2013, 76, 703-706. | 0.7 | 3 |
| 46 | Indirect Spectrophotometric Determination of Ibandronate in Pharmaceutical Formulations via Ligand Exchange. <i>Analytical Chemistry Letters</i> , 2019, 9, 223-233. | 0.4 | 3 |
| 47 | Stability indicating RP-HPLC method for methylcobalamin determination in different dosage forms: Application to photodegradation kinetics and pH rate profiling. <i>Journal of Separation Science</i> , 0, , . | 1.3 | 3 |
| 48 | A Validated Enantioselective HPLC Method for Determination of Ibuprofen Enantiomers in Bulk and Tablet Dosage Form. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 604-611. | 0.7 | 2 |
| 49 | Precolumn fluorescence labelling of sodium valproate using 9-chloromethyl anthracene: Application to dosage form and spiked human plasma. <i>Microchemical Journal</i> , 2019, 149, 104049. | 2.3 | 2 |
| 50 | Four chemometric spectrophotometric methods for simultaneous estimation of amlodipine besylate and olmesartan medoxomil in their combined dosage form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120455. | 2.0 | 2 |
| 51 | Development and Validation of Chemometric Spectrophotometric Methods for Simultaneous Determination of Simvastatin and Nicotinic Acid in Binary Combinations. <i>Current Drug Discovery Technologies</i> , 2018, 15, 149-155. | 0.6 | 2 |
| 52 | Validated Spectrophotometric Methods for Simultaneous Determination of Atorvastatin Calcium and Olmesartan Medoxomil in Their Pharmaceutical Formulation. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 387-395. | 0.7 | 1 |
| 53 | An Innovative Spectrofluorimetric Approach for determination of azelaic acid in bulk and pharmaceutical formulation Through Derivatization with 9-Chloromethylanthracene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, , 121389. | 2.0 | 0 |