

# 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	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
2	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
3	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
4	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
5	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
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	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	Sugaring-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
23	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
24	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
25	Green spectrophotometric methods for determination of a monosodium glutamate in different matrices. <i>Microchemical Journal</i> , 2021, 169, 106622.	2.3	6
26	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
27	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
28	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
29	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
30	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
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	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
33	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
34	Validated spectrophotometric methods for simultaneous determination of nebivolol hydrochloride and valsartan in their tablet. <i>Microchemical Journal</i> , 2020, 155, 104741.	2.3	18
35	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
36	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

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37	Indirect Spectrophotometric Determination of Ibandronate in Pharmaceutical Formulations via Ligand Exchange. <i>Analytical Chemistry Letters</i> , 2019, 9, 223-233.	0.4	3
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
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	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
50	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
51	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
52	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
53	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