

# Hytham M Ahmed

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

457  
citations

687220

13  
h-index

839398

18  
g-index

40  
all docs

40  
docs citations

40  
times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validated spectrofluorimetric method for determination of selected aminoglycosides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 472-478.	2.0	42
2	High-performance liquid chromatography with diode array detection method for the simultaneous determination of seven selected phosphodiesterase-5 inhibitors and serotonin reuptake inhibitors used as male sexual enhancers. <i>Journal of Separation Science</i> , 2016, 39, 1656-1665.	1.3	28
3	New voltammetric analysis of olanzapine in tablets and human urine samples using a modified carbon paste sensor electrode incorporating gold nanoparticles and glutamine in a micellar medium. <i>Analytical Methods</i> , 2015, 7, 581-589.	1.3	25
4	Synthesis, structural characterization, electrochemical and biological studies on divalent metal chelates of a new ligand derived from pharmaceutical preservative, dehydroacetic acid, with 1,4-diaminobenzene. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3816-S3825.	2.3	25
5	Determination of metoprolol enantiomers in human plasma and saliva samples utilizing microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2016, 30, 1309-1317.	0.8	23
6	A validated stability-indicating HPLC-DAD method for simultaneous determination of econazole nitrate, triamcinolone acetonide, benzoic acid and butylated hydroxyanisole in cream dosage form. <i>Analytical Methods</i> , 2016, 8, 2185-2200.	1.3	19
7	Eco-friendly HPTLC method for simultaneous analysis of sofosbuvir and ledipasvir in biological and pharmaceutical samples: Stability indicating study. <i>Microchemical Journal</i> , 2020, 154, 104584.	2.3	17
8	Nano Determination of Kinase Inhibitor Sorafenib Drug in Pharmaceutical Formulation and Human Blood at a Modified Carbon Paste Electrode. <i>Journal of the Electrochemical Society</i> , 2016, 163, B215-B226.	1.3	16
9	Simultaneous analysis of chlorzoxazone, diclofenac sodium and tramadol hydrochloride in presence of three potential impurities using validated HPLC-DAD and HPTLC methods. <i>Microchemical Journal</i> , 2020, 153, 104505.	2.3	16
10	Simple protein precipitation extraction technique followed by validated chromatographic method for linezolid analysis in real human plasma samples to study its pharmacokinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 235-240.	1.2	15
11	The use of laser-induced fluorescence or ultraviolet detectors for sensitive and selective analysis of tobramycin or erythropoietin in complex samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 12-19.	2.0	14
12	The use of SDS micelles as additive to increase fluorescence analysis of sitagliptin and saxagliptin derivatives in their tablets and human plasma. <i>Microchemical Journal</i> , 2019, 146, 20-24.	2.3	14
13	Application of Capillary Zone Electrophoresis Coupled with a Diode Array Detector (CZE-DAD) for Simultaneous Analysis of Ibuprofen and Phenylephrine. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 473-479.	0.7	13
14	New valid spectrofluorimetric method for determination of selected cephalosporins in different pharmaceutical formulations using safranin as fluorophore. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 655-660.	2.0	12
15	New spectrofluorimetric analysis of empagliflozin in its tablets and human plasma using two level full factorial design. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118307.	2.0	12
16	Spectral studies and thermal analysis of new vanadium complexes of ethanolamine and related compounds. <i>Journal of Molecular Structure</i> , 2013, 1050, 43-52.	1.8	11
17	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.	0.7	11
18	New spectrofluorimetric analysis of dapagliflozin after derivatization with NBD-Cl in human plasma using factorial design experiments. <i>Luminescence</i> , 2019, 34, 576-584.	1.5	10

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19	Diode array detection and derivative spectroscopic methods for stability study of Oxprenolol and Cyclopentiazide in liquids. <i>Journal of Molecular Liquids</i> , 2017, 231, 314-324.	2.3	9
20	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
21	Online post-column solvent assisted and direct solvent-assisted electrospray ionization for chiral analysis of propranolol enantiomers in plasma samples. <i>Journal of Chromatography A</i> , 2015, 1418, 110-118.	1.8	8
22	Recovery of some valuable components from industrial waste. <i>Separation Science and Technology</i> , 2017, 52, 512-519.	1.3	8
23	Determination and Pharmacokinetics of Omeprazole Enantiomers in Human Plasma and Oral Fluid Utilizing Microextraction by Packed Sorbent and Liquid Chromatography-Tandem Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-8.	0.4	8
24	A case of synchronous double primary breast carcinoma and osteosarcoma: Mismatch repair genes mutations as a possible cause for multiple early onset malignant tumors. <i>American Journal of Case Reports</i> , 2012, 13, 218-223.	0.3	8
25	HPTLC-densitometric analysis of selected antidiabetic drugs in presence of their degradation products. <i>Microchemical Journal</i> , 2020, 154, 104560.	2.3	7
26	Cost-effective green chromatographic method for the simultaneous determination of four commonly used direct-acting antiviral drugs in plasma and various pharmaceutical formulations. <i>Microchemical Journal</i> , 2021, 168, 106512.	2.3	7
27	Spectrofluorometric Determination of Tiotropium Bromide by Ion Pair Extraction Using 9, 10 Dimethoxyanthracene-2-sulphonate Sodium. <i>Journal of Ion Exchange</i> , 2007, 18, 402-405.	0.1	6
28	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.	2.3	6
29	Validated capillary zone electrophoretic method for simultaneous analysis of benazepril in combination with amlodipine besylate and hydrochlorothiazide. <i>Acta Chromatographica</i> , 2020, 32, 219-227.	0.7	6
30	Application of MEKC and UPLC with Fluorescence Detection for Simultaneous Determination of Amlodipine Besylate and Bisoprolol Fumarate. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 339-347.	0.7	6
31	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
32	Carbon quantum dots as a sensitive fluorescent probe for quantitation of pregabalin; application to real samples and content uniformity test. <i>Luminescence</i> , 2022, 37, 170-176.	1.5	6
33	Validated stability-indicating HPLC-DAD method for determination of the phosphodiesterase (PDE-4) inhibitor roflumilast. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2014, 52, 79-89.	0.2	5
34	Second-derivative synchronous spectrofluorimetric assay of dapagliflozin: Application to stability study and pharmaceutical preparation. <i>Luminescence</i> , 2020, 35, 260-265.	1.5	5
35	New liquid chromatography assays for simultaneous quantification of antihypertensives atenolol and valsartan in their dosage forms. <i>Journal of Separation Science</i> , 2021, 44, 565-575.	1.3	5
36	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

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37	The use of complex formation approach for spectroscopic analysis of certain oral hypoglycemic with Eosin Y. <i>Microchemical Journal</i> , 2019, 149, 104054.	2.3	4
38	Fluorescence spectroscopy for determination of dapagliflozin in pure form and its tablets formulation; Application to content uniformity testing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118642.	2.0	4
39	New Simple Ion-Selective Membrane Electrode for Serious Environmental Pollutant, Mercury (II), Analysis in Aqueous Solution, Fluorescent Mercury Lamp White Dust, Mercurochrome and Dental Alloy. <i>Current Analytical Chemistry</i> , 2018, 14, .	0.6	3
40	The use of green spectroscopy with multivariate calibration models for simultaneous analysis of ternary drug mixture in combined oral antidiabetic pill. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118638.	2.0	3