

Ali M Yehia

List of Publications by Year in descending order

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624
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623188

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#	ARTICLE	IF	CITATIONS
1	Novel MWCNTs/graphene oxide/pyrogallol composite with enhanced sensitivity for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2017, 89, 1034-1041.	5.3	60
2	A novel trimodal system on a paper-based microfluidic device for on-site detection of the date rape drug "ketamine". <i>Analytica Chimica Acta</i> , 2020, 1104, 95-104.	2.6	60
3	Chemometrics resolution and quantification power evaluation: Application on pharmaceutical quaternary mixture of Paracetamol, Guaifenesin, Phenylephrine and p-aminophenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 491-500.	2.0	37
4	Potentiometric diclofenac detection in wastewater using functionalized nanoparticles. <i>Microchemical Journal</i> , 2019, 145, 90-95.	2.3	35
5	Simultaneous determination of metformin hydrochloride and pioglitazone hydrochloride in binary mixture and in their ternary mixture with pioglitazone acid degradate using spectrophotometric and chemometric methods. <i>Drug Testing and Analysis</i> , 2009, 1, 339-349.	1.6	31
6	Electrochemical Determination of the Serotonin Reuptake Inhibitor, Dapoxetine, Using Cesium "Gold Nanoparticles. <i>ACS Omega</i> , 2017, 2, 6628-6635.	1.6	23
7	Smart bi-metallic perovskite nanofibers as selective and reusable sensors of nano-level concentrations of non-steroidal anti-inflammatory drugs. <i>Talanta</i> , 2018, 185, 344-351.	2.9	22
8	Development and validation of new spectrophotometric ratio H-point standard addition method and application to gastrointestinal acting drugs mixtures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 109, 193-200.	2.0	21
9	Development of normalized spectra manipulating spectrophotometric methods for simultaneous determination of Dimenhydrinate and Cinnarizine binary mixture. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 142-150.	2.0	20
10	Removal and tracing of cephalosporins in industrial wastewater by SPE-HPLC: optimization of adsorption kinetics on mesoporous silica nanoparticles. <i>Journal of Analytical Science and Technology</i> , 2019, 10, .	1.0	19
11	Green approach using monolithic column for simultaneous determination of coformulated drugs. <i>Journal of Separation Science</i> , 2016, 39, 2114-2122.	1.3	18
12	Development and validation of a generic high-performance liquid chromatography for the simultaneous separation and determination of six cough ingredients: Robustness study on core-shell particles. <i>Journal of Separation Science</i> , 2016, 39, 3357-3367.	1.3	17
13	Application of Membrane-Selective Electrodes for the Determination of Pioglitazone Hydrochloride in the Presence of Its Acid Degradant or Metformin Hydrochloride in Tablets and Plasma. <i>Analytical Letters</i> , 2009, 42, 123-140.	1.0	16
14	Application of normalized spectra in resolving a challenging Orphenadrine and Paracetamol binary mixture. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 21-30.	2.0	15
15	Application of normal fluorescence and stability-indicating derivative synchronous fluorescence spectroscopy for the determination of gliquidone in presence of its fluorescent alkaline degradation product. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 619-625.	2.0	15
16	Chemometrics Tools in Detection and Quantitation of the Main Impurities Present in Aspirin/Dipyridamole Extended-Release Capsules. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 948-956.	0.7	14
17	Ratio manipulating spectrophotometry versus chemometry as stability indicating methods for cefquinome sulfate determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 231-240.	2.0	14
18	All solid-state miniaturized potentiometric sensors for flunitrazepam determination in beverages. <i>Mikrochimica Acta</i> , 2021, 188, 192.	2.5	14

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19	Chemometrics for resolving spectral data of cephalosporines and tracing their residue in waste water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 436-443.	2.0	13
20	A goldâ€“carbon dots nanoprobe for dual mode detection of ketamine HCl in soda drinks. <i>New Journal of Chemistry</i> , 2020, 44, 7058-7064.	1.4	13
21	USB multiplex analyzer employing screen-printed silver electrodes on paper substrate; A developed design for dissolution testing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113272.	1.4	12
22	A validated chromatographic method for simultaneous determination of guaifenesin enantiomers and ambroxol HCl in pharmaceutical formulation. <i>RSC Advances</i> , 2015, 5, 93749-93756.	1.7	10
23	Stability Study and Kinetic Monitoring of Cefquinome Sulfate Using Cyclodextrin-Based Ion-Selective Electrode: Application to Biological Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 73-81.	0.7	9
24	Simultaneous determination of guaifenesin enantiomers and ambroxol HCl using 50â€“mm chiral column for a negligible environmental impact. <i>Chirality</i> , 2019, 31, 835-844.	1.3	9
25	Monitoring and optimization of diclofenac removal by adsorption technique using in-line potentiometric analyzer. <i>Microchemical Journal</i> , 2019, 148, 521-530.	2.3	9
26	An Umeclidinium membrane sensor; Two-step optimization strategy for improved responses. <i>Talanta</i> , 2017, 172, 61-67.	2.9	8
27	Comparison of Two Stability-Indicating Chromatographic Methods for the Determination of Mirabegron in Presence of Its Degradation Product. <i>Chromatographia</i> , 2017, 80, 99-107.	0.7	8
28	Structureâ€“retention relationship for enantioseparation of selected fluoroquinolones. <i>Chirality</i> , 2018, 30, 828-836.	1.3	8
29	Investigation of the thermal stability of the antihypertensive drug nebivolol under different conditions: Experimental and computational analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5779-5786.	2.0	8
30	Stability-Indicating Chromatographic Methods for Simultaneous Determination of Mosapride and Pantoprazole in Pharmaceutical Dosage Form and Plasma Samples. <i>Chromatographia</i> , 2011, 74, 839-845.	0.7	7
31	Exploiting steroidâ€“cyclodextrin complexes for selective determination of Estradiol Valerate and Norethisterone Acetate by synchronous fluorescence spectrofluorimetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117237.	2.0	7
32	Artificial networks for spectral resolution of antibiotic residues in bovine milk; solidification of floating organic droplet in dispersive liquid-liquid microextraction for sample treatment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120449.	2.0	7
33	Stabilityâ€“indicating methods for the determination of mosapride citrate in the presence of its degradation products according to ICH guidelines. <i>Drug Testing and Analysis</i> , 2012, 4, 104-115.	1.6	6
34	Derivative constant wavelength synchronous fluorescence spectrometry for the simultaneous detection of cefadrine and cefadroxil in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117903.	2.0	6
35	Comparative kinetic studies and pH-rate profiling of aniracetam degradation using validated stability-indicating RP-HPLC method. <i>Microchemical Journal</i> , 2020, 157, 105047.	2.3	6
36	Application of Chemometrics for Spectral Resolving and Determination of Three Analgesics in Water Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 257-264.	0.7	6

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37	Experimental validation of a computationally-designed tiotropium membrane sensor. <i>New Journal of Chemistry</i> , 2018, 42, 16354-16361.	1.4	5
38	A versatile high-performance thin-layer chromatographic method for the simultaneous determination of five antihypertensive drugs: method validation and application to different pharmaceutical formulations. <i>Journal of Planar Chromatography - Modern TLC</i> , 2021, 34, 467-477.	0.6	4
39	Chromatographic separation of vildagliptin and proline as process impurity with the application of Youden's test and statistical analysis to test the robustness of the HPLC method. <i>Separation Science Plus</i> , 2018, 1, 395-403.	0.3	3
40	Chromatographic Separation of Synthetic Estrogen and Progesterone in Presence of Natural Congeners: Application to Saliva and Pharmaceutical Samples. <i>Chromatographia</i> , 2021, 84, 1-11.	0.7	3
41	Qualitative and Quantitative Chemometry as Stability-Indicating Methods for Determination of Dantrolene Sodium and Paracetamol. <i>Current Pharmaceutical Analysis</i> , 2017, 14, .	0.3	2
42	High-performance thin-layer chromatography for the simultaneous determination of co-administrated granisetron, aprepitant, and deflazacort used with chemotherapy: Application onto dosage forms and spiked plasma by liquid-liquid extraction. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 133-140.	0.6	2
43	Spectral resolution of quaternary components in a sinus and congestion mixture; Multivariate algorithms to approach extremes of concentration levels. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118489.	2.0	1
44	Forced degradation of gliquidone and development of validated stability-indicating HPLC and TLC methods. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	1
45	Stability Testing Followed by Manipulating Mean Centering Ratio and Derivative Ratio Spectrophotometric Methods for the Determination of Gliquidone in Presence of its Induced Degradation Products. <i>Analytical Chemistry Letters</i> , 2018, 8, 348-360.	0.4	0
46	Ultrasound-assisted extraction of damsine and neoambrosin from <i>Ambrosia maritima</i> : optimization using response surface methodology. <i>Egyptian Journal of Chemistry</i> , 2020, .	0.1	0