Said A Hassan

List of Publications by Year
in descending order

30 papers	498 citations	759055 12 h-index	677027 22 g-index
31 all docs	31 docs citations	31 times ranked	385 citing authors

#	Article	IF	Citations
1	Advanced chemometric methods as powerful tools for impurity profiling of drug substances and drug products: Application on bisoprolol and perindopril binary mixture. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 267, 120576.	2.0	5
2	Novel microfabricated solid-contact potentiometric sensors doped with multiwall carbon-nanotubes for simultaneous determination of bisoprolol and perindopril in spiked human plasma. Microchemical Journal, 2022, 178, 107323.	2.3	13
3	Analytical quality by design approach for the control of potentially counterfeit chloroquine with some NSAIDS using HPLC with fluorescence detection in pharmaceutical preparation and breast milk. Acta Chromatographica, 2021, 33, 234-244.	0.7	6
4	Development, Optimization, and Validation of a Green Spectrofluorimetric method for the determination of Moxifloxacin using an Experimental design approach. Research Journal of Pharmacy and Technology, 2021, , 1880-1886.	0.2	5
5	Simultaneous Determination of Amlodipine and Olmesartan Using HPLC with Fluorescence Detection. Pharmaceutical Chemistry Journal, 2021, 55, 206-212.	0.3	4
6	Optimization of localized surface plasmon resonance hot spots in surface-enhanced infrared absorption spectroscopy aluminum substrate as an optical sensor coupled to chemometric tools for the purity assay of quinary mixtures. Mikrochimica Acta, 2021, 188, 195.	2.5	9
7	Different spectrophotometric methods manipulating ratio spectra for the assay of hydrocortisone acetate and clioquinol in their topical preparation. European Journal of Chemistry, 2021, 12, 265-272.	0.3	4
8	Supramolecular green chemistry; An eco-friendly spectrophotometric approach for determination of non-chromophoric methacholine via host-guest interactions with 4-sulfocalix[4]arene. Microchemical Journal, 2021, 168, 106419.	2.3	9
9	Microfabricated potentiometric sensor for personalized methacholine challenge tests during the COVID-19 pandemic. Biosensors and Bioelectronics, 2021, 190, 113439.	5.3	16
10	Quality control of dietary supplements: An economic green spectrofluorimetric assay of Raspberry ketone and its application to weight variation testing. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120032.	2.0	10
11	Strategies for stabilizing formulation and QbD assisted development of robust stability indicating method of azilsartan medoxomil/chlorthalidone. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112910.	1.4	9
12	Point-of-care diagnostics for drugs of abuse in biological fluids: application of aÂmicrofabricated disposable copper potentiometric sensor. Mikrochimica Acta, 2020, 187, 491.	2.5	26
13	A comparative study of two analytical techniques for the simultaneous determination of amprolium HCl and ethopabate from combined dosage form and in presence of their alkaline degradation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118756.	2.0	10
14	Stability-Indicating RP-HPLC and CE Methods for Simultaneous Determination of Bisoprolol and Perindopril in Pharmaceutical Formulation: A Comparative Study. Journal of Chromatographic Science, 2020, 58, 747-758.	0.7	9
15	Spectrofluorimetric study on fluorescence quenching of tyrosine and <scp>l</scp>â€tryptophan by the aniracetam cognition enhancer drug: quenching mechanism using Sternâ€“Volmer and doubleâ€log plots. Luminescence, 2020, 35, 728-737.	1.5	11
16	Comparative kinetic studies and pH-rate profiling of aniracetam degradation using validated stability-indicating RP-HPLC method. Microchemical Journal, 2020, 157, 105047.	2.3	6
17	Multivariate Development and Optimization of Stability Indicating Method for Determination of Daclatasvir in Presence of Potential Degradation Products. Chromatographia, 2019, 82, 1641-1652.	0.7	7
18	Application of wavelet and Fuorier transforms as powerful alternatives for derivative spectrophotometry in analysis of binary mixtures: A comparative study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 365-371.	2.0	4

#	Article	IF	Citations
19	Development and validation of HPLC and CE methods for simultaneous determination of amlodipine and atorvastatin in the presence of their acidic degradation products in tablets. Acta Pharmaceutica, 2016, 66, 479-490.	0.9	20
20	Development and validation of LCâ€“MS/MS assay for the simultaneous determination of methotrexate, 6-mercaptopurine and its active metabolite 6-thioguanine in plasma of children with acute lymphoblastic leukemia: Correlation with genetic polymorphism. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1038, 88-94.	1.2	44
21	In-line potentiometric monitoring of dissolution behavior of verapamil hydrochloride versus traditional pharmacopeial method: A comparative study. Sensors and Actuators B: Chemical, 2016, 228, 587-594.	4.0	16
22	Mean centering of double divisor ratio spectra, a novel spectrophotometric method for analysis of ternary mixtures. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 132-142.	2.0	6
23	Advanced stability indicating chemometric methods for quantitation of amlodipine and atorvastatin in their quinary mixture with acidic degradation products. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 154, 58-66.	2.0	12
24	Different signal processing techniques of ratio spectra for spectrophotometric resolution of binary mixture of bisoprolol and hydrochlorothiazide; a comparative study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 140, 334-343.	2.0	12
25	Continuous Wavelet Transform, a powerful alternative to Derivative Spectrophotometry in analysis of binary and ternary mixtures: A comparative study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 945-955.	2.0	17
26	Different approaches in Partial Least Squares and Artificial Neural Network models applied for the analysis of a ternary mixture of Amlodipine, Valsartan and Hydrochlorothiazide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 744-750.	2.0	23
27	Three different methods for determination of binary mixture of Amlodipine and Atorvastatin using dual wavelength spectrophotometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 104, 70-76.	2.0	49
28	Comparative study between derivative spectrophotometry and multivariate calibration as analytical tools applied for the simultaneous quantitation of Amlodipine, Valsartan and Hydrochlorothiazide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 113, 215-223.	2.0	35
29	Sequential Spectrophotometric Method for the Simultaneous Determination of Amlodipine, Valsartan, and Hydrochlorothiazide in Coformulated Tablets. International Journal of Spectroscopy, 2013, 2013, 1-8.	1.4	14
30	Three different spectrophotometric methods manipulating ratio spectra for determination of binary mixture of Amlodipine and Atorvastatin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 140-148.	2.0	87