

# Said A Hassan

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Three different spectrophotometric methods manipulating ratio spectra for determination of binary mixture of Amlodipine and Atorvastatin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 83, 140-148.	2.0	87
2	Three different methods for determination of binary mixture of Amlodipine and Atorvastatin using dual wavelength spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 70-76.	2.0	49
3	Development and validation of LC-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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1038, 88-94.	1.2	44
4	Comparative study between derivative spectrophotometry and multivariate calibration as analytical tools applied for the simultaneous quantitation of Amlodipine, Valsartan and Hydrochlorothiazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 215-223.	2.0	35
5	Point-of-care diagnostics for drugs of abuse in biological fluids: application of a microfabricated disposable copper potentiometric sensor. <i>Mikrochimica Acta</i> , 2020, 187, 491.	2.5	26
6	Different approaches in Partial Least Squares and Artificial Neural Network models applied for the analysis of a ternary mixture of Amlodipine, Valsartan and Hydrochlorothiazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 744-750.	2.0	23
7	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. <i>Acta Pharmaceutica</i> , 2016, 66, 479-490.	0.9	20
8	Continuous Wavelet Transform, a powerful alternative to Derivative Spectrophotometry in analysis of binary and ternary mixtures: A comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 945-955.	2.0	17
9	In-line potentiometric monitoring of dissolution behavior of verapamil hydrochloride versus traditional pharmacopeial method: A comparative study. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 587-594.	4.0	16
10	Microfabricated potentiometric sensor for personalized methacholine challenge tests during the COVID-19 pandemic. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113439.	5.3	16
11	Sequential Spectrophotometric Method for the Simultaneous Determination of Amlodipine, Valsartan, and Hydrochlorothiazide in Coformulated Tablets. <i>International Journal of Spectroscopy</i> , 2013, 2013, 1-8.	1.4	14
12	Novel microfabricated solid-contact potentiometric sensors doped with multiwall carbon-nanotubes for simultaneous determination of bisoprolol and perindopril in spiked human plasma. <i>Microchemical Journal</i> , 2022, 178, 107323.	2.3	13
13	Different signal processing techniques of ratio spectra for spectrophotometric resolution of binary mixture of bisoprolol and hydrochlorothiazide; a comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 334-343.	2.0	12
14	Advanced stability indicating chemometric methods for quantitation of amlodipine and atorvastatin in their quinary mixture with acidic degradation products. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 154, 58-66.	2.0	12
15	Spectrofluorimetric study on fluorescence quenching of tyrosine and $\alpha$ -tryptophan by the aniracetam cognition enhancer drug: quenching mechanism using Stern-Volmer and double log plots. <i>Luminescence</i> , 2020, 35, 728-737.	1.5	11
16	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118756.	2.0	10
17	Quality control of dietary supplements: An economic green spectrofluorimetric assay of Raspberry ketone and its application to weight variation testing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120032.	2.0	10
18	Strategies for stabilizing formulation and QbD assisted development of robust stability indicating method of azilsartan medoxomil/chlorthalidone. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112910.	1.4	9

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19	Stability-Indicating RP-HPLC and CE Methods for Simultaneous Determination of Bisoprolol and Perindopril in Pharmaceutical Formulation: A Comparative Study. <i>Journal of Chromatographic Science</i> , 2020, 58, 747-758.	0.7	9
20	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. <i>Mikrochimica Acta</i> , 2021, 188, 195.	2.5	9
21	Supramolecular green chemistry; An eco-friendly spectrophotometric approach for determination of non-chromophoric methacholine via host-guest interactions with 4-sulfocalix[4]arene. <i>Microchemical Journal</i> , 2021, 168, 106419.	2.3	9
22	Multivariate Development and Optimization of Stability Indicating Method for Determination of Daclatasvir in Presence of Potential Degradation Products. <i>Chromatographia</i> , 2019, 82, 1641-1652.	0.7	7
23	Mean centering of double divisor ratio spectra, a novel spectrophotometric method for analysis of ternary mixtures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 132-142.	2.0	6
24	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. <i>Acta Chromatographica</i> , 2021, 33, 234-244.	0.7	6
25	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
26	Development, Optimization, and Validation of a Green Spectrofluorimetric method for the determination of Moxifloxacin using an Experimental design approach. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 1880-1886.	0.2	5
27	Advanced chemometric methods as powerful tools for impurity profiling of drug substances and drug products: Application on bisoprolol and perindopril binary mixture. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120576.	2.0	5
28	Application of wavelet and Fourier transforms as powerful alternatives for derivative spectrophotometry in analysis of binary mixtures: A comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 365-371.	2.0	4
29	Simultaneous Determination of Amlodipine and Olmesartan Using HPLC with Fluorescence Detection. <i>Pharmaceutical Chemistry Journal</i> , 2021, 55, 206-212.	0.3	4
30	Different spectrophotometric methods manipulating ratio spectra for the assay of hydrocortisone acetate and clioquinol in their topical preparation. <i>European Journal of Chemistry</i> , 2021, 12, 265-272.	0.3	4