

# Hesham Salem

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

763  
citations

516710

16  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrophotometric determination of $\beta$ -adrenergic blocking agents in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 527-538.	2.8	106
2	Formulation and evaluation of ketorolac tromethamine-loaded albumin microspheres for potential intramuscular administration. <i>AAPS PharmSciTech</i> , 2007, 8, E100-E108.	3.3	68
3	Colourimetric and AAS determination of cephalosporins using Reineck's salt. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 347-354.	2.8	57
4	A comparative study of novel spectrophotometric methods based on isosbestic points; application on a pharmaceutical ternary mixture. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 112-121.	3.9	53
5	Development and validation of simultaneous spectrophotometric and TLC-spectrodensitometric methods for determination of beclomethasone dipropionate and salbutamol in combined dosage form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 127-136.	3.9	52
6	Selective spectrophotometric determination of phenolic $\beta$ -lactam antibiotics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 1205-1213.	2.8	48
7	Selective spectrophotometric determination of phenolic $\beta$ -lactam antibiotics in pure forms and in their pharmaceutical formulations. <i>Analytica Chimica Acta</i> , 2004, 515, 333-341.	5.4	46
8	Formulation of Controlled-Release Baclofen Matrix Tablets II: Influence of Some Hydrophobic Excipients on the Release Rate and In Vitro Evaluation. <i>AAPS PharmSciTech</i> , 2008, 9, 675-683.	3.3	38
9	Novel two wavelength spectrophotometric methods for simultaneous determination of binary mixtures with severely overlapping spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1786-1796.	3.9	36
10	Formulation of controlled-release baclofen matrix tablets: Influence of some hydrophilic polymers on the release rate and in vitro evaluation. <i>AAPS PharmSciTech</i> , 2007, 8, 156.	3.3	34
11	New developed spectrophotometric method for simultaneous determination of salmeterol xinafoate and fluticasone propionate in bulk powder and SeritideA <sup>®</sup> diskus inhalation. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2012, 50, 121-126.	0.3	30
12	A comparative study of progressive versus successive spectrophotometric resolution techniques applied for pharmaceutical ternary mixtures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 239-248.	3.9	28
13	U.V. and U.V. Derivative Spectrophotometric Determination of Two- Component Mixtures. <i>Spectroscopy Letters</i> , 1991, 24, 451-470.	1.0	25
14	A comparative study of different aspects of manipulating ratio spectra applied for ternary mixtures: Derivative spectrophotometry versus wavelet transform. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 1002-1010.	3.9	22
15	Determination of antihypertensive mixtures by use of a chemometrics-assisted spectrophotometric method. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1066-1072.	3.7	16
16	A comparative study of smart spectrophotometric methods for simultaneous determination of a skeletal muscle relaxant and an analgesic in combined dosage form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 166-173.	3.9	16
17	Eutectic, monotectic and immiscibility systems of nimesulide with water-soluble carriers: phase equilibria, solid-state characterisation and in-vivo/pharmacodynamic evaluation. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 1439-1450.	2.4	14
18	Computation of geometric representation of novel spectrophotometric methods used for the analysis of minor components in pharmaceutical preparations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 151, 628-643.	3.9	13

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19	Spectrophotometric methods for simultaneous determination of betamethasone valerate and fusidic acid in their binary mixture. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 294-304.	3.9	11
20	Evaluating the efficiency of spectral resolution of univariate methods manipulating ratio spectra and comparing to multivariate methods: An application to ternary mixture in common cold preparation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1363-1373.	3.9	10
21	Analytical Study for the Charge-Transfer Complexes of Pregabalin. <i>E-Journal of Chemistry</i> , 2009, 6, 332-340.	0.5	9
22	Determination of Metformin Hydrochloride and Glyburide in an Antihyperglycemic Binary Mixture Using High-Performance Liquid Chromatographic-UV and Spectrometric Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 133-140.	1.5	8
23	Development and validation of impurity-profiling UPLC method for the determination of sodium cromoglicate and tetryzoline hydrochloride: Application on rabbit aqueous humor. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1006, 121-129.	2.3	8
24	Optimization of two charge transfer reactions for colorimetric determination of two beta 2 agonist drugs, salmeterol xinafoate and salbutamol, in pharmaceutical and biological samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120747.	3.9	7
25	Colourimetric and atomic absorption spectrometric determination of some fluoroquinolone derivatives. <i>Scientia Pharmaceutica</i> , 2004, 72, 51-71.	2.0	4
26	Column Performance Study of Different Variants of Liquid Chromatographic Technique: An Application on Pharmaceutical Ternary Mixtures Containing Tetryzoline. <i>Journal of Chromatographic Science</i> , 2015, 53, 708-715.	1.4	4
27	Determination of metformin hydrochloride and glyburide in an antihyperglycemic binary mixture using high-performance liquid chromatographic-UV and spectrometric methods. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 133-40.	1.5	0