

Ibrahim A Naguib

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparative study of four greenness assessment tools for selection of greenest analytical method for assay of hyoscine <i>N</i> -butyl bromide. <i>Analytical Methods</i> , 2021, 13, 369-380.	2.7	115
2	HPTLC and RP-HPLC methods for simultaneous determination of Paracetamol and Pamabrom in presence of their potential impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 22-27.	2.8	38
3	Development and validation of stability indicating HPLC and HPTLC methods for determination of sulphiride and mebeverine hydrochloride in combination. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3719-3725.	5.5	35
4	Linear support vector regression and partial least squares chemometric models for determination of Hydrochlorothiazide and Benazepril hydrochloride in presence of related impurities: A comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 130, 350-356.	3.9	34
5	Novel Chitosan-Coated Niosomal Formulation for Improved Management of Bacterial Conjunctivitis: A Highly Permeable and Efficient Ocular Nanocarrier for Azithromycin. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3027-3036.	3.3	34
6	Lipid Nanocarriers Overlaid with Chitosan for Brain Delivery of Berberine via the Nasal Route. <i>Pharmaceuticals</i> , 2022, 15, 281.	3.8	27
7	Support vector regression and artificial neural network models for stability indicating analysis of mebeverine hydrochloride and sulphiride mixtures in pharmaceutical preparation: A comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 515-526.	3.9	25
8	Quantitative determination of Dapoxetine Hydrochloride and Tadalafil using different validated spectrophotometric methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117611.	3.9	25
9	Development of Green and Efficient Extraction Methods of Quercetin from Red Onion Scales Wastes Using Factorial Design for Method Optimization: A Comparative Study. <i>Separations</i> , 2021, 8, 137.	2.4	22
10	Environmental impact of the reported chromatographic methods for the determination of the first FDA-Approved therapy for COVID-19 Patients, Remdesivir: A comparative study. <i>Microchemical Journal</i> , 2022, 176, 107242.	4.5	22
11	Enhancement of the productivity of the potent bacteriocin avicin A and improvement of its stability using nanotechnology approaches. <i>Scientific Reports</i> , 2017, 7, 10604.	3.3	19
12	Development and validation of HPTLC and green HPLC methods for determination of furosemide, spironolactone and canrenone, in pure forms, tablets and spiked human plasma. <i>Biomedical Chromatography</i> , 2018, 32, e4304.	1.7	18
13	A Validated Green HPTLC Method for Quantitative Determination of Dapoxetine Hydrochloride and Tadalafil in Bulk and Pharmaceutical Formulations. <i>Journal of Chromatographic Science</i> , 2020, 58, 303-308.	1.4	15
14	Intranasal Delivery of Granisetron to the Brain via Nanostructured Cubosomes-Based In Situ Gel for Improved Management of Chemotherapy-Induced Emesis. <i>Pharmaceutics</i> , 2022, 14, 1374.	4.5	14
15	Successive ratio subtraction as a novel manipulation of ratio spectra for quantitative determination of a mixture of furosemide, spironolactone and canrenone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 427-436.	3.9	13
16	Isatin Counteracts Diethylnitrosamine/2-Acetylaminofluorene-Induced Hepatocarcinogenesis in Male Wistar Rats by Upregulating Anti-Inflammatory, Antioxidant, and Detoxification Pathways. <i>Antioxidants</i> , 2022, 11, 699.	5.1	13
17	Response surface methodology for optimization of micellar-enhanced spectrofluorimetric method for assay of foretinib in bulk powder and human urine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119811.	3.9	12
18	Chemical characteristics and targeted encapsulated Cordia myxa fruits extracts nanoparticles for antioxidant and cytotoxicity potentials. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5349-5358.	3.8	12

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19	Orthogonal projection to latent structures and first derivative for manipulation of PLSR and SVR chemometric models' prediction: A case study. PLoS ONE, 2019, 14, e0222197.	2.5	11
20	Partial least squares and linear support vector regression chemometric models for analysis of Norfloxacin and Tinidazole with Tinidazole impurity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 239, 118513.	3.9	11
21	Simultaneous Determination of Hydrochlorothiazide and Benazepril Hydrochloride or Amiloride Hydrochloride in Presence of Hydrochlorothiazide Impurities: Chlorothiazide and Salamide by HPTLC Method. Journal of Chromatographic Science, 2015, 53, 183-188.	1.4	10
22	Chromatographic Methods for Quantitative Determination of Ampicillin, Dicloxacillin and Their Impurity 6-Aminopenicillanic Acid. Journal of Chromatographic Science, 2018, 56, 209-215.	1.4	10
23	Development of a Novel Class of Pyridazinone Derivatives as Selective MAO-B Inhibitors. Molecules, 2022, 27, 3801.	3.8	10
24	Development and Validation of Three Stability-Indicating Methods for Determination of Bisacodyl in Pure Form and Pharmaceutical Preparations. Journal of AOAC INTERNATIONAL, 2007, 90, 113-127.	1.5	9
25	Improved partial least squares models for stability-indicating analysis of mebeverine and sulphuride mixtures in pharmaceutical preparation: A comparative study. Drug Testing and Analysis, 2013, 5, 325-333.	2.6	9
26	Quantitative determination of zopiclone and its impurity by four different spectrophotometric methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 617-624.	3.9	9
27	Development and Validation of Three Spectrophotometric Methods for Simultaneous Determination of Paracetamol and Pamabrom in Bulk and Pharmaceutical Formulation. Analytical Chemistry Letters, 2016, 6, 13-23.	1.0	9
28	Development and Validation of Three Spectrophotometric Methods for Determination of Cyclobenzaprine Hcl in The Presence of its Two Major Degradation Products. Analytical Chemistry Letters, 2016, 6, 24-34.	1.0	9
29	Spectrophotometric Methods for Quantitative Determination of Chlorhexidine Gluconate and its Major Impurity, Metabolite and Degradation Product: Para-chloro-aniline. Analytical Chemistry Letters, 2016, 6, 232-248.	1.0	9
30	Studying the Effect of Membrane Thickness on the Performance of Green ISE-Potentiometric Sensors: Application to Ritodrine HCl and Its Active Impurity, Tyramine. Journal of the Electrochemical Society, 2018, 165, H764-H769.	2.9	9
31	HPTLC method for Simultaneous Determination of Norfloxacin and Tinidazole in presence of Tinidazole Impurity. Journal of Chromatographic Science, 2019, 57, 81-86.	1.4	9
32	Simultaneous analysis of oxytetracycline hydrochloride, lidocaine, and bromhexine hydrochloride in the presence of many interfering excipients. Archiv Der Pharmazie, 2021, 354, e2100131.	4.1	9
33	Computational ionophore selection during optimization of a portable calixarene based sensor for direct assay of levamisole residues in livestock products. Journal of Electroanalytical Chemistry, 2021, 897, 115546.	3.8	9
34	Stability indicating analysis of bisacodyl by partial least squares regression, spectral residual augmented classical least squares and support vector regression chemometric models: A comparative study. Bulletin of Faculty of Pharmacy, Cairo University, 2011, 49, 91-100.	0.3	8
35	Development and Validation of a Stability-Indicating High-Performance Thin-Layer Chromatographic Method for Determination of Pyridostigmine Bromide in the Presence of Its Alkaline-Induced Degradation Product. Journal of Planar Chromatography - Modern TLC, 2015, 28, 316-322.	1.2	8
36	Development and Validation of HPLC and HPTLC Methods for Determination of Cefoperazone and Its Related Impurities. Journal of Chromatographic Science, 2016, 54, bmv125.	1.4	8

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37	Validated Analytical Methods for the Determination of Drugs Used in the Treatment of Hyperemesis Gravidarum in Multiple Formulations. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 427-436.	1.5	8
38	Stability indicating spectrophotometric methods for quantitative determination of carbamazepine and its degradation product, iminostilbene, in pure form and pharmaceutical formulations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 21-31.	3.9	8
39	Stability indicating spectrophotometric methods for quantitative determination of bromazepam and its degradation product. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118433.	3.9	8
40	Assessment of Nasal-Brain-Targeting Efficiency of New Developed Mucoadhesive Emulsomes Encapsulating an Anti-Migraine Drug for Effective Treatment of One of the Major Psychiatric Disorders Symptoms. <i>Pharmaceutics</i> , 2022, 14, 410.	4.5	8
41	HPTLC Method for Quantitative Determination of Zopiclone and Its Impurity. <i>Journal of Chromatographic Science</i> , 2015, 53, 1395-1399.	1.4	7
42	Least-Squares Regression and Spectral Residual Augmented Classical Least-Squares Chemometric Models for Stability-Indicating Analysis of Agomelatine and Its Degradation Products: A Comparative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 386-395.	1.5	7
43	Validated ecofriendly chromatographic method for quantitative determination of anti-migraine quaternary mixture. <i>Journal of Separation Science</i> , 2020, 43, 2330-2337.	2.5	7
44	ESI-MS/MS for Therapeutic Drug Monitoring of Binary Mixture of Pregabalin and Tramadol: Human Plasma and Urine Applications. <i>Separations</i> , 2021, 8, 21.	2.4	7
45	Development and validation of a stability indicating RP-HPLC-DAD method for the determination of bromazepam. <i>PLoS ONE</i> , 2021, 16, e0244951.	2.5	7
46	Linear Support Vector Regression and Partial Least-Squares for Determination of Dapoxetine Hydrochloride and Tadalafil in Binary Pharmaceutical Mixtures. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 132-139.	1.5	6
47	Comparative study of eco-friendly spectrophotometric methods for accurate quantification of Mebendazole and Quinifamide combination; Content uniformity evaluation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118271.	3.9	6
48	Application of Three Ecological Assessment Tools in Examining Chromatographic Methods for the Green Analysis of a Mixture of Dopamine, Serotonin, Glutamate and GABA: A Comparative Study. <i>Molecules</i> , 2021, 26, 5436.	3.8	6
49	Virtual Screening of Repurposed Drugs as Potential Spike Protein Inhibitors of Different SARS-CoV-2 Variants: Molecular Docking Study. <i>Current Issues in Molecular Biology</i> , 2022, 44, 3018-3029.	2.4	6
50	Development and Validation of RP-HPLC Method for Determination of Hydrochlorothiazide, Amiloride Hydrochloride and Related Impurities in Bulk and Pharmaceutical Dosage Forms. <i>Analytical Chemistry Letters</i> , 2015, 5, 85-93.	1.0	5
51	Stability-Indicating HPLC and HPTLC Methods for Determination of Agomelatine and its Degradation Products. <i>Journal of Chromatographic Science</i> , 2018, 56, 317-326.	1.4	5
52	Development and Validation of HPTLC and Green HPLC Methods for Determination of a New Combination of Quinifamide and Mebendazole. <i>Journal of Chromatographic Science</i> , 2020, 58, 16-21.	1.4	5
53	Development and Validation of RP-HPLC and an Ecofriendly HPTLC Method for Simultaneous Determination of Felodipine and Metoprolol Succinate, and their Major Metabolites in Human Spiked Plasma. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 966-971.	1.5	5
54	Green and cost-effective extraction techniques of quercetin from mixture of nutraceuticals with yield analysis via spectrophotometry and high performance liquid chromatograph methods. <i>Journal of AOAC INTERNATIONAL</i> , 2021, , .	1.5	5

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55	Quantitative Determination of Anti-Migraine Quaternary Mixture in Presence of <i>p</i> -Aminophenol and 4-Chloroacetanilide. <i>Journal of Chromatographic Science</i> , 2022, 60, 538-544.	1.4	5
56	Hexosomal Dispersion: A Nano-Based Approach to Boost the Antifungal Potential of Citrus Essential Oils against Plant Fungal Pathogens. <i>Molecules</i> , 2021, 26, 6284.	3.8	5
57	Comparative Study of Novel Ratio Spectra and Isoabsorptive Point Based Spectrophotometric Methods: Application on a Binary Mixture of Ascorbic Acid and Rutin. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-12.	1.6	4
58	Simultaneous Determination of Guaifenesin, Salbutamol Sulfate or Dextromethorphan HBr and Guaifenesin Impurity (Guaiacol) by HPTLC Method. <i>Analytical Chemistry Letters</i> , 2017, 7, 142-152.	1.0	4
59	Improved predictions of nonlinear support vector regression and artificial neural network models via preprocessing of data with orthogonal projection to latent structures: A case study. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2017, 55, 287-291.	0.3	4
60	Five modified classical least squares based models for stability indicating analysis of cyclobenzaprine HCl with its major degradation products: A comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 598-602.	3.9	4
61	A validated HPTLC method for the quantitative determination of duloxetine hydrochloride and 1-naphthol in bulk and pharmaceutical formulation. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 391-396.	1.2	4
62	US FDA-validated green GC-MS method for analysis of gabapentin, tramadol and/or amitriptyline mixtures in biological fluids. <i>Bioanalysis</i> , 2020, 12, 1521-1533.	1.5	4
63	Ultraviolet cutoff area and predictive ability of partial least squares regression method: A pharmaceutical case study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 231, 118116.	3.9	4
64	Impurity profiling high-performance thin-layer chromatography method involving the assay of essential human micronutrient niacin with eco-scale assessment. <i>Biomedical Chromatography</i> , 2020, 34, e4858.	1.7	4
65	Simultaneous Determination of Hydrochlorothiazide and its Impurities (Chlorothiazide and Salamide) in a Quaternary Mixture with Candesartan Cilexetil by HPTLC Method. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 188-194.	0.6	4
66	Utilization of Polymeric Micelles as a Lucrative Platform for Efficient Brain Deposition of Olanzapine as an Antischizophrenic Drug via Intranasal Delivery. <i>Pharmaceuticals</i> , 2022, 15, 249.	3.8	4
67	Evaluation of Greenness of LC-MS Chromatographic Methods for Simultaneous Analysis of Mixtures of Serotonin, Dopamine, Acetylcholine, GABA and Glutamate: AGREE Tool Application. <i>Separations</i> , 2022, 9, 147.	2.4	4
68	Solubility Optimization of Loxoprofen as a Nonsteroidal Anti-Inflammatory Drug: Statistical Modeling and Optimization. <i>Molecules</i> , 2022, 27, 4357.	3.8	4
69	Determination of Cefoperazone Sodium in Presence of Related Impurities by Linear Support Vector Regression and Partial Least Squares Chemometric Models. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-8.	1.6	3
70	Partial Least-Squares and Linear Support Vector Regression Chemometric Methods for Simultaneous Determination of Amoxicillin Trihydrate and Dicloxacillin Sodium in the Presence of Their Common Impurity. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 972-979.	1.5	3
71	Comparison between Two Linear Supervised Learning Machines™ Methods with Principle Component Based Methods for the Spectrofluorimetric Determination of Agomelatine and Its Degradants. <i>Journal of Fluorescence</i> , 2017, 27, 1149-1160.	2.5	3
72	Reversed-Phase High-Performance Liquid Chromatography and High-Performance Thin-layer Liquid Chromatography Methods for Simultaneous Determination of Theophylline, Guaifenesin and Guaifenesin Impurity (Guaiacol) in Their Bulk Powders and in Dosage Form. <i>Journal of Chromatographic Science</i> , 2018, 56, 846-852.	1.4	3

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73	Separation and Determination of Diflunisal and its Impurity by Two Chromatographic Methods: TLC-Densitometry and HPLC. Journal of AOAC INTERNATIONAL, 2021, 104, 1719-1725.	1.5	3
74	Development and Validation of Ecofriendly HPLC-MS Method for Quantitative Assay of Amoxicillin, Dicloxacillin, and Their Official Impurity in Pure and Dosage Forms. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-9.	1.6	3
75	Adoption of Advanced Chemometric Methods for Determination of Pyridoxine HCl, Cyclizine HCl, and Meclizine HCl in the Presence of Related Impurities: A Comparative Study. Journal of AOAC INTERNATIONAL, 2022, 105, 630-640.	1.5	3
76	Stability indicating HPTLC method for determination of Metopimazine in pharmaceutical formulation and human plasma. Beni-Suef University Journal of Basic and Applied Sciences, 2014, 3, 52-62.	2.0	2
77	Determination of Cefoperazone Sodium in Presence of Related Impurities by Improved Classical Least Squares Chemometric Methods: A Comparative Study. Journal of Chemistry, 2016, 2016, 1-8.	1.9	2
78	TLC-Densitometric and RP-HPLC Methods for Simultaneous Determination of Dexamethasone and Chlorpheniramine Maleate in the Presence of Methylparaben and Propylparaben. Journal of AOAC INTERNATIONAL, 2017, 100, 51-58.	1.5	2
79	Green Simultaneous Chromatographic Separation of Pyridostigmine Bromide and Its Related Substances in Pure Form, Tablets and Spiked Human Plasma. Journal of Chromatographic Science, 2019, 57, 653-661.	1.4	2
80	Validation and eco-scale assessment of stability-indicating HPTLC method for quantitative analysis of carbamazepine and its degradation product, iminostilbene, in pure forms, pharmaceutical preparations, and spiked human plasma. Journal of Planar Chromatography - Modern TLC, 2020, 33, 219-229.	1.2	2
81	Validated spectral manipulations for determination of an anti-neoplastic drug and its related impurities including its hazardous degradation product. RSC Advances, 2021, 11, 21332-21342.	3.6	2
82	Stability Indicating Spectrofluorimetric Analysis of Metopimazine by Signal Enhanced - Partial Least Squares Chemometric Models: A Comparative Study. Current Pharmaceutical Analysis, 2016, 12, 234-243.	0.6	2
83	Development and Validation of Spectrophotometric Methods for the Determination of Amoxicillin trihydrate and Dicloxacillin sodium in Their Binary Mixture. Analytical Chemistry Letters, 2018, 8, 844-861.	1.0	1
84	Three Spectrophotometric Methods for Quantitative Analysis of Duloxetine in Presence of its Toxic Impurity: 1-Naphthol. Journal of AOAC INTERNATIONAL, 2020, 103, 972-979.	1.5	1
85	Two Chemometric Models for Cyclobenzaprine-HCl Determination in Presence of its Two Major Oxidative Degradation Products. Journal of Analytical Chemistry, 2020, 75, 608-614.	0.9	1
86	Two Multivariate Calibration Models for Assay of Niacin in Complex Mixtures with Its Official Impurities: A Pharmaceutical Application. Journal of AOAC INTERNATIONAL, 2020, 103, 1660-1666.	1.5	1
87	Development and Validation of Two Chromatographic Methods for Simultaneous Determination and Quantification of Amiloride Hydrochloride, Hydrochlorothiazide, and Their Related Substances, in Pure and Tablet Forms. Journal of AOAC INTERNATIONAL, 2020, 103, 747-754.	1.5	1
88	Eco-Friendly Direct GC-MS Method for Estimation of Niacin and Related Impurities Involving Pyridine in Food Supplements. Separations, 2021, 8, 46.	2.4	1
89	A Comparative Chemometric Study for Quantitative Determination of Duloxetine Hydrochloride in the Presence of its Toxic Impurity 1-Naphthol. Current Pharmaceutical Analysis, 2020, 16, 1030-1036.	0.6	1
90	Determination of Pyridostigmine Bromide in Presence of its Related Impurities by Four Modified Classical Least Square Based Models: A Comparative Study. Current Pharmaceutical Analysis, 2021, 17, 87-94.	0.6	1

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91	Predicting the Kidney Graft Survival Using Optimized African Buffalo-Based Artificial Neural Network. Journal of Healthcare Engineering, 2022, 2022, 1-9.	1.9	1
92	Green Assessment of Chromatographic Methods Used for the Analysis of Four Methamphetamine Combinations with Commonly Abused Drugs. Separations, 2022, 9, 156.	2.4	1
93	Novel manipulations of ratio spectra as powerful tools for resolution and quantitative determination of Pyridostigmine bromide and its' related substances; A comparative study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 66-75.	3.9	0
94	Ecologically evaluated and FDA validated HPTLC method for assay of pregabalin and tramadol in human biological fluids. Biomedical Chromatography, 2021, 35, e5023.	1.7	0
95	OUP accepted manuscript. Journal of AOAC INTERNATIONAL, 2021, , .	1.5	0