

Ibrahim A Naguib

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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.	0.7	5
2	Adoption of Advanced Chemometric Methods for Determination of Pyridoxine HCl, Cyclizine HCl, and Meclizine HCl in the Presence of Related Impurities: A Comparative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 630-640.	0.7	3
3	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.	2.3	22
4	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.	2.0	8
5	Lipid Nanocarriers Overlaid with Chitosan for Brain Delivery of Berberine via the Nasal Route. <i>Pharmaceutics</i> , 2022, 15, 281.	1.7	27
6	Utilization of Polymeric Micelles as a Lucrative Platform for Efficient Brain Deposition of Olanzapine as an Antischizophrenic Drug via Intranasal Delivery. <i>Pharmaceutics</i> , 2022, 15, 249.	1.7	4
7	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.	2.2	13
8	Predicting the Kidney Graft Survival Using Optimized African Buffalo-Based Artificial Neural Network. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-9.	1.1	1
9	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.	1.1	4
10	Development of a Novel Class of Pyridazinone Derivatives as Selective MAO-B Inhibitors. <i>Molecules</i> , 2022, 27, 3801.	1.7	10
11	Green Assessment of Chromatographic Methods Used for the Analysis of Four Methamphetamine Combinations with Commonly Abused Drugs. <i>Separations</i> , 2022, 9, 156.	1.1	1
12	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.	2.0	14
13	Solubility Optimization of Loxoprofen as a Nonsteroidal Anti-Inflammatory Drug: Statistical Modeling and Optimization. <i>Molecules</i> , 2022, 27, 4357.	1.7	4
14	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.	1.0	6
15	Ecologically evaluated and FDA-validated HPTLC method for assay of pregabalin and tramadol in human biological fluids. <i>Biomedical Chromatography</i> , 2021, 35, e5023.	0.8	0
16	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.	1.1	7
17	Development and validation of a stability indicating RP-HPLC-DAD method for the determination of bromazepam. <i>PLoS ONE</i> , 2021, 16, e0244951.	1.1	7
18	Eco-Friendly Direct GC-MS Method for Estimation of Niacin and Related Impurities Involving Pyridine in Food Supplements. <i>Separations</i> , 2021, 8, 46.	1.1	1

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19	Green and cost-effective extraction techniques of quercetin from mixture of nutraceuticals with yield analysis via spectrophotometry and high performance liquid chromatograph methods. Journal of AOAC INTERNATIONAL, 2021, , .	0.7	5
20	Separation and Determination of Diflunisal and its Impurity by Two Chromatographic Methods: TLC and Densitometry and HPLC. Journal of AOAC INTERNATIONAL, 2021, 104, 1719-1725.	0.7	3
21	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.	0.7	3
22	Simultaneous analysis of oxytetracycline hydrochloride, lidocaine, and bromhexine hydrochloride in the presence of many interfering excipients. Archiv Der Pharmazie, 2021, 354, e2100131.	2.1	9
23	Novel Chitosan-Coated Niosomal Formulation for Improved Management of Bacterial Conjunctivitis: A Highly Permeable and Efficient Ocular Nanocarrier for Azithromycin. Journal of Pharmaceutical Sciences, 2021, 110, 3027-3036.	1.6	34
24	Development of Green and Efficient Extraction Methods of Quercetin from Red Onion Scales Wastes Using Factorial Design for Method Optimization: A Comparative Study. Separations, 2021, 8, 137.	1.1	22
25	Response surface methodology for optimization of micellar-enhanced spectrofluorimetric method for assay of foretinib in bulk powder and human urine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 257, 119811.	2.0	12
26	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. Molecules, 2021, 26, 5436.	1.7	6
27	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.	1.9	9
28	Chemical characteristics and targeted encapsulated Cordia myxa fruits extracts nanoparticles for antioxidant and cytotoxicity potentials. Saudi Journal of Biological Sciences, 2021, 28, 5349-5358.	1.8	12
29	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.	1.7	2
30	Comparative study of four greenness assessment tools for selection of greenest analytical method for assay of hyoscine <i>N</i> -butyl bromide. Analytical Methods, 2021, 13, 369-380.	1.3	115
31	OUP accepted manuscript. Journal of AOAC INTERNATIONAL, 2021, , .	0.7	0
32	Hexosomal Dispersion: A Nano-Based Approach to Boost the Antifungal Potential of Citrus Essential Oils against Plant Fungal Pathogens. Molecules, 2021, 26, 6284.	1.7	5
33	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.	0.3	1
34	Quantitative determination of Dapoxetine Hydrochloride and Tadalafil using different validated spectrophotometric methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117611.	2.0	25
35	Development and Validation of HPTLC and Green HPLC Methods for Determination of a New Combination of Quinfamide and Mebendazole. Journal of Chromatographic Science, 2020, 58, 16-21.	0.7	5
36	A validated HPTLC method for the quantitative determination of duloxetine hydrochloride and 1-naphthol in bulk and pharmaceutical formulation. Journal of Planar Chromatography - Modern TLC, 2020, 33, 391-396.	0.6	4

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37	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.	0.6	4
38	Three Spectrophotometric Methods for Quantitative Analysis of Duloxetine in Presence of its Toxic Impurity: 1-Naphthol. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 972-979.	0.7	1
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.	2.0	8
40	Two Chemometric Models for Cyclobenzaprine-HCl Determination in Presence of its Two Major Oxidative Degradation Products. <i>Journal of Analytical Chemistry</i> , 2020, 75, 608-614.	0.4	1
41	Two Multivariate Calibration Models for Assay of Niacin in Complex Mixtures with Its Official Impurities: A Pharmaceutical Application. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 1660-1666.	0.7	1
42	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.	0.7	5
43	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. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 219-229.	0.6	2
44	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.	0.7	6
45	Partial least squares and linear support vector regression chemometric models for analysis of Norfloxacin and Tinidazole with Tinidazole impurity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118513.	2.0	11
46	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.	2.0	4
47	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.	0.7	15
48	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. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 747-754.	0.7	1
49	Comparative study of eco-friendly spectrophotometric methods for accurate quantification of Mebendazole and Quinamide combination; Content uniformity evaluation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 235, 118271.	2.0	6
50	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.	0.8	4
51	Validated ecofriendly chromatographic method for quantitative determination of anti-migraine quaternary mixture. <i>Journal of Separation Science</i> , 2020, 43, 2330-2337.	1.3	7
52	A Comparative Chemometric Study for Quantitative Determination of Duloxetine Hydrochloride in the Presence of its Toxic Impurity 1-Naphthol. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 1030-1036.	0.3	1
53	Orthogonal projection to latent structures and first derivative for manipulation of PLSR and SVR chemometric models' prediction: A case study. <i>PLoS ONE</i> , 2019, 14, e0222197.	1.1	11
54	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.	2.0	8

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55	Green Simultaneous Chromatographic Separation of Pyridostigmine Bromide and Its Related Substances in Pure Form, Tablets and Spiked Human Plasma. <i>Journal of Chromatographic Science</i> , 2019, 57, 653-661.	0.7	2
56	HPTLC method for Simultaneous Determination of Norfloxacin and Tinidazole in presence of Tinidazole Impurity. <i>Journal of Chromatographic Science</i> , 2019, 57, 81-86.	0.7	9
57	Novel manipulations of ratio spectra as powerful tools for resolution and quantitative determination of Pyridostigmine bromide and its' related substances; A comparative study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 66-75.	2.0	0
58	Stability-Indicating HPLC and HPTLC Methods for Determination of Agomelatine and its Degradation Products. <i>Journal of Chromatographic Science</i> , 2018, 56, 317-326.	0.7	5
59	Chromatographic Methods for Quantitative Determination of Ampicillin, Dicloxacillin and Their Impurity 6-Aminopenicillanic Acid. <i>Journal of Chromatographic Science</i> , 2018, 56, 209-215.	0.7	10
60	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.	2.0	13
61	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.	0.7	8
62	Development and Validation of Spectrophotometric Methods for the Determination of Amoxicillin trihydrate and Dicloxacillin sodium in Their Binary Mixture. <i>Analytical Chemistry Letters</i> , 2018, 8, 844-861.	0.4	1
63	Reversed-Phase High-Performance Liquid Chromatography and High-Performance Thin-layer Liquid Chromatography Methods for Simultaneous Determination of Theophylline, Guaifenesin and Guaifenesin Impurity (Guaicol) in Their Bulk Powders and in Dosage Form. <i>Journal of Chromatographic Science</i> , 2018, 56, 846-852.	0.7	3
64	Studying the Effect of Membrane Thickness on the Performance of Green ISE-Potentiometric Sensors: Application to Ritodrine HCl and Its Active Impurity, Tyramine. <i>Journal of the Electrochemical Society</i> , 2018, 165, H764-H769.	1.3	9
65	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.	0.8	18
66	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.	2.0	4
67	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.	1.3	3
68	Simultaneous Determination of Guaifenesin, Salbutamol Sulfate or Dextromethorphan HBr and Guaifenesin Impurity (Guaicol) by HPTLC Method. <i>Analytical Chemistry Letters</i> , 2017, 7, 142-152.	0.4	4
69	TLC-Densitometric and RP-HPLC Methods for Simultaneous Determination of Dexamethasone and Chlorpheniramine Maleate in the Presence of Methylparaben and Propylparaben. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 51-58.	0.7	2
70	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.	0.2	4
71	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.	1.6	19
72	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.	0.3	4

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73	Development and Validation of HPLC and HPTLC Methods for Determination of Cefoperazone and Its Related Impurities. <i>Journal of Chromatographic Science</i> , 2016, 54, bmv125.	0.7	8
74	Determination of Cefoperazone Sodium in Presence of Related Impurities by Improved Classical Least Squares Chemometric Methods: A Comparative Study. <i>Journal of Chemistry</i> , 2016, 2016, 1-8.	0.9	2
75	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.	0.7	4
76	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.	0.7	7
77	Development and Validation of Three Spectrophotometric Methods for Simultaneous Determination of Paracetamol and Pamabrom in Bulk and Pharmaceutical Formulation. <i>Analytical Chemistry Letters</i> , 2016, 6, 13-23.	0.4	9
78	Development and Validation of Three Spectrophotometric Methods for Determination of Cyclobenzaprine Hcl in The Presence of its Two Major Degradation Products. <i>Analytical Chemistry Letters</i> , 2016, 6, 24-34.	0.4	9
79	Spectrophotometric Methods for Quantitative Determination of Chlorhexidine Gluconate and its Major Impurity, Metabolite and Degradation Product: Para-chloro-aniline. <i>Analytical Chemistry Letters</i> , 2016, 6, 232-248.	0.4	9
80	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.	0.7	3
81	Stability Indicating Spectrofluorimetric Analysis of Metopimazine by Signal Enhanced - Partial Least Squares Chemometric Models: A Comparative Study. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 234-243.	0.3	2
82	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.	0.7	3
83	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. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 316-322.	0.6	8
84	HPTLC Method for Quantitative Determination of Zopiclone and Its Impurity. <i>Journal of Chromatographic Science</i> , 2015, 53, 1395-1399.	0.7	7
85	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.	0.4	5
86	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.	1.4	38
87	Simultaneous Determination of Hydrochlorothiazide and Benazepril Hydrochloride or Amiloride Hydrochloride in Presence of Hydrochlorothiazide Impurities: Chlorothiazide and Salamide by HPTLC Method. <i>Journal of Chromatographic Science</i> , 2015, 53, 183-188.	0.7	10
88	Quantitative determination of zopiclone and its impurity by four different spectrophotometric methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 617-624.	2.0	9
89	Stability indicating HPTLC method for determination of Metopimazine in pharmaceutical formulation and human plasma. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2014, 3, 52-62.	0.8	2
90	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.	2.0	34

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91	Improved partial least squares models for stability indicating analysis of mebeverine and sulphiride mixtures in pharmaceutical preparation: A comparative study. <i>Drug Testing and Analysis</i> , 2013, 5, 325-333.	1.6	9
92	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.	2.0	25
93	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. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2011, 49, 91-100.	0.2	8
94	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.	2.6	35
95	Development and Validation of Three Stability-Indicating Methods for Determination of Bisacodyl in Pure Form and Pharmaceutical Preparations. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 113-127.	0.7	9