Ahmed S. Saad

List of Publications by Year
in descending order

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47	565	687220 13	713332 21
papers	citations	h-index	g-index

47	47	47	412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	0.7	3
2	Impurity profiling UPLC methods for quantitative analysis of some antiemetics formulated with Pyridoxine. Biomedical Chromatography, 2022, , e5353.	0.8	0
3	Experimentally designed chemometric models for the assay of toxic adulterants in turmeric powder. RSC Advances, 2022, 12, 9087-9094.	1.7	1
4	A validated RP-HPLC method for determination of nitroxinil and investigation of its intrinsic stability. Journal of the Iranian Chemical Society, 2021, 18, 351-361.	1.2	4
5	Simultaneous Determination of Paracetamol, Propyphenazone and Caffeine in Presence of Paracetamol Impurities Using Dual-Mode Gradient HPLC and TLC Densitometry Methods. Journal of Chromatographic Science, 2021, 59, 140-147.	0.7	16
6	A portable solid-state potentiometric sensor based on a polymeric ion-exchanger for the assay of a controversial food colorant (sunset yellow). Analytical Methods, 2021, 13, 4896-4903.	1.3	4
7	Experimentally designed chromatographic method for the simultaneous analysis of dimenhydrinate, cinnarizine and their toxic impurities. RSC Advances, 2021, 11, 1450-1460.	1.7	10
8	Dual-Mode Gradient HPLC and TLC Densitometry Methods for the Simultaneous Determination of Paracetamol and Methionine in the Presence of Paracetamol Impurities. Journal of AOAC INTERNATIONAL, 2021, 104, 975-982.	0.7	10
9	Solid-state potentiometric sensor for the rapid assay of the biologically active biogenic amine (tyramine) as a marker of food spoilage. Food Chemistry, 2021, 346, 128911.	4.2	27
10	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
11	Different greenness assessment perspectives for stability-indicating RP-HPLC method used for the assay of isoxsuprine hydrochloride and four nephrotoxic and hepatotoxic photothermal degradation products. Microchemical Journal, 2021, 171, 106826.	2.3	20
12	Calixarene based portable sensor for the direct assay of indiscriminate ephedrine content of weight loss herbal preparations. RSC Advances, 2021, 11, 12833-12844.	1.7	13
13	Introducing a Polymeric Ion Exchanger as a Modifier for Carbon-Paste Potentiometric Sensors. Journal of the Electrochemical Society, 2021, 168, 017504.	1.3	4
14	Simultaneous estimation of dimenhydrinate, cinnarizine and their toxic impurities benzophenone and diphenylmethylpiperazine; in silico toxicity profiling of impurities. RSC Advances, 2020, 10, 37439-37448.	1.7	10
15	Computational optimization of a novel solid-state sensor for stable assay of isoxsuprine hydrochloride in the presence of its nephrotoxic/hepatotoxic photothermal degradation products: application in different sampling matrices. New Journal of Chemistry, 2020, 44, 15260-15269.	1.4	9
16	Portable solid-state sensor for therapeutic monitoring of an antineoplastic drug; vinblastine in human plasma. RSC Advances, 2020, 10, 42699-42705.	1.7	6
17	USB multiplex analyzer employing screen-printed silver electrodes on paper substrate; A developed design for dissolution testing. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113272.	1.4	12
18	Therapeutic drug monitoring of two co-administered drugs through development of two ecological chromatographic methods: Invivo application. Microchemical Journal, 2020, 156, 104935.	2.3	6

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19	Experimentally Designed Sensor for Direct Determination of the Environmentally Hazardous Compound and Occupational Exposure Biomarker (p-aminophenol) in Different Sampling Matrices. Journal of the Electrochemical Society, 2020, 167, 147504.	1.3	13
20	Voltammetric Determination of Lidocaine and Its Toxic Metabolite in Pharmaceutical Formulation and Milk Using Carbon Paste Electrode Modified with C18 Silica. Journal of the Electrochemical Society, 2019, 166, B103-B109.	1.3	14
21	A green stability indicating ISE-potentiometric method for the monitoring of chlorhexidine in the presence of its rapidly absorbed toxic degradation product; a kinetic study. Microchemical Journal, 2019, 149, 103969.	2.3	2
22	Comparing the predictability of different chemometric models over UV-spectral data of isoxsuprine and its toxic photothermal degradation products. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 444-449.	2.0	11
23	Study of Oxyclozanideâ€™s Innate Stability Coupled with the Assessment of its Aquatic Photo-Transformation Using a Validated Isocratic HPLC Method. Journal of AOAC INTERNATIONAL, 2019, 102, 480-489.	0.7	2
24	Greenness assessment as per Eco-scale and AMVI metrics for the chromatographic assay of selected drugs in a semisolid dosage form and in tissues. Chemical Papers, 2019, 73, 683-691.	1.0	3
25	Novel Green Potentiometric Method for the Determination of Lidocaine Hydrochloride and its Metabolite 2, 6â€Dimethylaniline; Application to Pharmaceutical Dosage Form and Milk. Electroanalysis, 2018, 30, 1689-1695.	1.5	11
26	Smart electrochemical sensing platform for the simultaneous determination of psychotic disorder drugs isopropamide iodide and trifluoperazine hydrochloride. New Journal of Chemistry, 2018, 42, 9911-9919.	1.4	31
27	Validated Analytical Methods for the Determination of Drugs Used in the Treatment of Hyperemesis Gravidarum in Multiple Formulations. Journal of AOAC INTERNATIONAL, 2018, 101, 427-436.	0.7	8
28	A comparative study of different chromatographic techniques for determination of toxic impurities of some commonly used anesthetics. Journal of Planar Chromatography - Modern TLC, 2018, 31, 280-289.	0.6	5
29	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.	1.3	9
30	Simultaneous spectrophotometric determination of compounds having relatively disparate absorbance and concentration ranges; application to antidiabetic formulation of linagliptin and metformin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 112-117.	2.0	18
31	Traditional versus advanced chemometric models for the impurity profiling of paracetamol and chlorzoxazone: Application to pure and pharmaceutical dosage forms. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 376-380.	2.0	12
32	ISE-potentiometric sensor for the determination of zolmitriptan: applications in plasma, pharmaceutical formulation and in vitro release profile. New Journal of Chemistry, 2018, 42, 15263-15269.	1.4	6
33	Green in-Line Ion Selective Electrode Potentiometric Method for Determination of Amantadine in Dissolution Media and in Pharmaceutical Formulations. ACS Sustainable Chemistry and Engineering, 2017, 5, 4381-4387.	3.2	25
34	Study of Thermal Analysis Behavior of Fenbendazole and Rafoxanide. Advanced Pharmaceutical Bulletin, 2017, 7, 329-334.	0.6	7
35	Enhancing prediction power of chemometric models through manipulation of the fed spectrophotometric data: A comparative study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 167, 12-18.	2.0	5
36	Validated UPLC and TLC-Densitometry Stability Indicating Methods for the Determination of Rafoxanide in the Presence of Its Degradation Products. Journal of Chromatographic Science, 2016, 54, 1661-1669.	0.7	4

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37	Full spectrum and selected spectrum based multivariate calibration methods for simultaneous determination of betamethasone dipropionate, clotrimazole and benzyl alcohol: Development, validation and application on commercial dosage form. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 169, 50-57.	2.0	9
38	Validated Stability-Indicating RP-HPLC Method for Simultaneous Determination of Clorsulon and Ivermectin Employing Plackett-Burman Experimental Design for Robustness Testing. Journal of AOAC INTERNATIONAL, 2016, 99, 571-578.	0.7	19
39	Novel ratio difference at coabsorptive point spectrophotometric method for determination of components with wide variation in their absorptivities. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 152, 480-484.	2.0	9
40	Comparative study on the selectivity of various spectrophotometric techniques for the determination of binary mixture of fenbendazole and rafoxanide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 682-690.	2.0	9
41	Novel spectrophotometric method for selective determination of compounds in ternary mixtures (dual wavelength in ratio spectra). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 147, 257-261.	2.0	17
42	A smart simple spectrophotometric method for simultaneous determination of binary mixtures. Journal of Pharmaceutical Analysis, 2012, 2, 382-385.	2.4	58
43	Simultaneous determination of retinoic acid and hydroquinone in skin ointment using spectrophotometric technique (ratio difference method). Saudi Pharmaceutical Journal, 2012, 20, 249-253.	1.2	53
44	Combining the isoabsorptive point in the ratio spectrum and the smart ratio difference methods for a single step determination of compounds with overlapped spectra. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 95, 188-192.	2.0	21
45	Stability-indicating spectrophotometric methods for determination of tazarotene in the presence of its alkaline degradation product by derivative spectrophotometric techniques. Drug Testing and Analysis, 2010, 2, n/a-n/a.	1.6	9
46	Stabilityâ€indicating chemometric methods for the determination of tazarotene. Drug Testing and Analysis, 2010, 2, 357-361.	1.6	8
47	Economical Voltammetric Sensor for Sensitive Rapid Determination of Ondansetron in the Presence of Opioid Antagonist Naltrexone. Electrocatalysis, 0, , .	1.5	3