

Ahmed S. Saad

List of Publications by Year in descending order

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47
papers

565
citations

687220

13
h-index

713332

21
g-index

47
all docs

47
docs citations

47
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	A smart simple spectrophotometric method for simultaneous determination of binary mixtures. <i>Journal of Pharmaceutical Analysis</i> , 2012, 2, 382-385.	2.4	58
2	Simultaneous determination of retinoic acid and hydroquinone in skin ointment using spectrophotometric technique (ratio difference method). <i>Saudi Pharmaceutical Journal</i> , 2012, 20, 249-253.	1.2	53
3	Smart electrochemical sensing platform for the simultaneous determination of psychotic disorder drugs isopropamide iodide and trifluoperazine hydrochloride. <i>New Journal of Chemistry</i> , 2018, 42, 9911-9919.	1.4	31
4	Solid-state potentiometric sensor for the rapid assay of the biologically active biogenic amine (tyramine) as a marker of food spoilage. <i>Food Chemistry</i> , 2021, 346, 128911.	4.2	27
5	Green in-Line Ion Selective Electrode Potentiometric Method for Determination of Amantadine in Dissolution Media and in Pharmaceutical Formulations. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4381-4387.	3.2	25
6	Combining the isoabsorptive point in the ratio spectrum and the smart ratio difference methods for a single step determination of compounds with overlapped spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 188-192.	2.0	21
7	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. <i>Microchemical Journal</i> , 2021, 171, 106826.	2.3	20
8	Validated Stability-Indicating RP-HPLC Method for Simultaneous Determination of Clorsulon and Ivermectin Employing Plackett-Burman Experimental Design for Robustness Testing. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 571-578.	0.7	19
9	Simultaneous spectrophotometric determination of compounds having relatively disparate absorbance and concentration ranges; application to antidiabetic formulation of linagliptin and metformin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 112-117.	2.0	18
10	Novel spectrophotometric method for selective determination of compounds in ternary mixtures (dual wavelength in ratio spectra). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 257-261.	2.0	17
11	Simultaneous Determination of Paracetamol, Propyphenazone and Caffeine in Presence of Paracetamol Impurities Using Dual-Mode Gradient HPLC and TLC Densitometry Methods. <i>Journal of Chromatographic Science</i> , 2021, 59, 140-147.	0.7	16
12	Voltammetric Determination of Lidocaine and Its Toxic Metabolite in Pharmaceutical Formulation and Milk Using Carbon Paste Electrode Modified with C18 Silica. <i>Journal of the Electrochemical Society</i> , 2019, 166, B103-B109.	1.3	14
13	Calixarene based portable sensor for the direct assay of indiscriminate ephedrine content of weight loss herbal preparations. <i>RSC Advances</i> , 2021, 11, 12833-12844.	1.7	13
14	Experimentally Designed Sensor for Direct Determination of the Environmentally Hazardous Compound and Occupational Exposure Biomarker (p-aminophenol) in Different Sampling Matrices. <i>Journal of the Electrochemical Society</i> , 2020, 167, 147504.	1.3	13
15	Traditional versus advanced chemometric models for the impurity profiling of paracetamol and chlorzoxazone: Application to pure and pharmaceutical dosage forms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 376-380.	2.0	12
16	USB multiplex analyzer employing screen-printed silver electrodes on paper substrate; A developed design for dissolution testing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113272.	1.4	12
17	Novel Green Potentiometric Method for the Determination of Lidocaine Hydrochloride and its Metabolite 2, 6-Dimethylaniline; Application to Pharmaceutical Dosage Form and Milk. <i>Electroanalysis</i> , 2018, 30, 1689-1695.	1.5	11
18	Comparing the predictability of different chemometric models over UV-spectral data of isoxsuprine and its toxic photothermal degradation products. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 444-449.	2.0	11

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19	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
20	Experimentally designed chromatographic method for the simultaneous analysis of dimenhydrinate, cinnarizine and their toxic impurities. RSC Advances, 2021, 11, 1450-1460.	1.7	10
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Stability-indicating chemometric methods for the determination of tazarotene. Drug Testing and Analysis, 2010, 2, 357-361.	1.6	8
30	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
31	Study of Thermal Analysis Behavior of Fenbendazole and Rafoxanide. Advanced Pharmaceutical Bulletin, 2017, 7, 329-334.	0.6	7
32	ISE-potentiometric sensor for the determination of zolmitriptan: applications in plasma, pharmaceutical formulation and <i>in vitro</i> release profile. New Journal of Chemistry, 2018, 42, 15263-15269.	1.4	6
33	Portable solid-state sensor for therapeutic monitoring of an antineoplastic drug; vinblastine in human plasma. RSC Advances, 2020, 10, 42699-42705.	1.7	6
34	Therapeutic drug monitoring of two co-administered drugs through development of two ecological chromatographic methods: In vivo application. Microchemical Journal, 2020, 156, 104935.	2.3	6
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	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

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37	Validated UPLC and TLC-Densitometry Stability Indicating Methods for the Determination of Rafoxanide in the Presence of Its Degradation Products. <i>Journal of Chromatographic Science</i> , 2016, 54, 1661-1669.	0.7	4
38	A validated RP-HPLC method for determination of nitroxinil and investigation of its intrinsic stability. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 351-361.	1.2	4
39	A portable solid-state potentiometric sensor based on a polymeric ion-exchanger for the assay of a controversial food colorant (sunset yellow). <i>Analytical Methods</i> , 2021, 13, 4896-4903.	1.3	4
40	Introducing a Polymeric Ion Exchanger as a Modifier for Carbon-Paste Potentiometric Sensors. <i>Journal of the Electrochemical Society</i> , 2021, 168, 017504.	1.3	4
41	Greenness assessment as per Eco-scale and AMVI metrics for the chromatographic assay of selected drugs in a semisolid dosage form and in tissues. <i>Chemical Papers</i> , 2019, 73, 683-691.	1.0	3
42	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
43	Economical Voltammetric Sensor for Sensitive Rapid Determination of Ondansetron in the Presence of Opioid Antagonist Naltrexone. <i>Electrocatalysis</i> , 0, , .	1.5	3
44	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. <i>Microchemical Journal</i> , 2019, 149, 103969.	2.3	2
45	Study of Oxyclozanide's Innate Stability Coupled with the Assessment of its Aquatic Photo-Transformation Using a Validated Isocratic HPLC Method. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 480-489.	0.7	2
46	Experimentally designed chemometric models for the assay of toxic adulterants in turmeric powder. <i>RSC Advances</i> , 2022, 12, 9087-9094.	1.7	1
47	Impurity profiling UPLC methods for quantitative analysis of some antiemetics formulated with Pyridoxine. <i>Biomedical Chromatography</i> , 2022, , e5353.	0.8	0