Ahmed S Fayed

List of Publications by Year
in descending order

23	179	1162367 8	1199166 12
papers	citations	h-index	g-index

23	23	23	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of Tedizolid Phosphate Using Graphene Nanocomposite Based Solid Contact Ion Selective Electrode; Green Profile Assessment by Ecoâ€scale and GAPI Approach. Electroanalysis, 2021, 33, 1895-1901.	1.5	19
2	Challenge Approach of an Inexpensive Electrochemical Sensor for Rapid Selective Determination of two Nonâ€classical Î²â€Lactams in Presence of Different Degradants and Interference Substances. Electroanalysis, 2017, 29, 2708-2718.	1.5	16
3	Potentiometric ion-selective electrodes for determination of cyclopentolate hydrochloride and phenylephrine hydrochloride in their challenging ophthalmic formulation. Journal of Solid State Electrochemistry, 2018, 22, 3351-3361.	1.2	16
4	Zero and secondâ€derivative synchronous fluorescence spectroscopy for the quantification of two nonâ€classical Î²â€lactams in pharmaceutical vials: Application to stability studies. Luminescence, 2017, 32, 1517-1527.	1.5	14
5	A novel spectral resolution and simultaneous determination of multicomponent mixture of Vitamins B1, B6, B12, Benfotiamine and Diclofenac in tablets and capsules by derivative and MCRâ€“ALS. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 140, 524-533.	2.0	13
6	A Capillary Zone Electrophoresis Method with Multiresponse Chemometric Optimization for the Simultaneous Determination of Zofenopril Calcium and Hydrochlorothiazide in Presence of Hydrochlorothiazide Major Impurities. Journal of Chromatographic Science, 2018, 56, 461-471.	0.7	12
7	Simultaneous Determination of Cinchocaine Hydrochloride and Betamethasone Valerate in Presence of Their Degradation Products. Journal of Chromatographic Science, 2017, 55, 518-527.	0.7	8
8	Chromatographic Determination of Cyclopentolate Hydrochloride and Phenylephrine Hydrochloride in the Presence of Their Potential Degradation Products. Journal of AOAC INTERNATIONAL, 2017, 100, 434-444.	0.7	8
9	Advanced chemometrics manipulation of UV-spectroscopic data for determination of three co-formulated drugs along with their impurities in different formulations using variable selection and regression model updating. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 202, 359-367.	2.0	8
10	Two-wavelength manipulation stability-indicating spectrophotometric methods for determination of meropenem and ertapenem: greenness consolidation and pharmaceutical product application. Chemical Papers, 2019, 73, 2723-2736.	1.0	8
11	Utility of Silver-nanoparticles for Nano Spectrofluorimetric Determination of Meropenem and Ertapenem: Bio-analytical Validation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120077.	2.0	7
12	Microfabricated Solidâ€contact Potentiometric Sensor for Determination of Tedizolid Phosphate, Application to Content Uniformity Testing. Electroanalysis, 2023, 35, .	1.5	7
13	Smart Mathematical Manipulation Î¿f Spectral Signals: Stability Indicating, fÎ¿r the Estimation of SÎ¿lifenacin Succinate: Anti-Muscarinic Drug, in Existence Î¿f Its Acid DegradatiÎ¿n Product. Journal of AOAC INTERNATIONAL, 2022, 105, 323-331.	0.7	6
14	Spectrophotometry analysis for simultaneous determination of the new antiviral drug combination: Daclatasvir/sofosbuvir in their pure form and pharmaceutical preparation. Research Journal of Pharmacy and Technology, 2020, 13, 5939-5946.	0.2	6
15	A Novel Nanoparticlesâ€based Electrochemical Sensing Platform for Sensitive Detection of Oral Anticoagulant; Edoxaban in Human Plasma. Electroanalysis, 2022, 34, 1266-1272.	1.5	6
16	A portable solid-state electrochemical sensor based on N-doped graphite as a transducer layer for determination of a multiple sclerosis managing medication in biological fluids. Journal of Solid State Electrochemistry, 2022, 26, 843-853.	1.2	6
17	A Validated High-Performance Thin-Layer Chromatographic Method for the Simultaneous Determination of Zofenopril Calcium and Hydrochlorothiazide in the Presence of the Hydrochlorothiazide Impurities: Chlorothiazide and Salamide. Journal of AOAC INTERNATIONAL, 2018, 101, 1031-1041.	0.7	5
18	Rapid and selective determination of pitavastatin calcium in presence of its degradation products and co-formulated drug by first-derivative micelle-enhanced and synchronous fluorimetric methods. RSC Advances, 2016, 6, 107246-107255.	1.7	3

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19	Selective quantitation of co-formulated ternary mixture in the presence of potential impurities by liquid chromatographic methods. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112821.	1.4	3
20	Three Smart and Original Spectrophotometric Data Processing Ratio Techniques for Resolving the Partial Overlapped Spectra of the Binary Antiviral Mixture Daclatasvir/Sofosbuvir: Application to Combined Dosage Form DarvoniÂ® Tablets. Journal of AOAC INTERNATIONAL, 2022, 105, 612-622.	0.7	3
21	Eco-Friendly Chromatographic Methods for Determination of Acemetacin and Indomethacin; Greenness Profile Assessment. Journal of AOAC INTERNATIONAL, 2021, 104, 1485-1491.	0.7	2
22	HPLC-UV and TLC-Densitometry Methods for Simultaneous Determination of Sofosbuvir and Daclatasvir: Application to DarvoniÂ® Tablet. Journal of Chromatographic Science, 2022, 60, 606-612.	0.7	2
23	Bilinear and trilinear algorithms utilizing full and selected variables for resolution and quantitation of four components with overlapped spectral signals in bulk and syrup dosage form. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117219.	2.0	1