

# Ahmed S Fayed

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

179  
citations

1162367

8  
h-index

1199166

12  
g-index

23  
all docs

23  
docs citations

23  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfabricated Solid-Contact Potentiometric Sensor for Determination of Tedizolid Phosphate, Application to Content Uniformity Testing. <i>Electroanalysis</i> , 2023, 35, .	1.5	7
2	Smart Mathematical Manipulation of Spectral Signals: Stability Indicating, for the Estimation of Sildenafil Succinate: Anti-Muscarinic Drug, in Existence of Its Acid Degradation Product. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 323-331.	0.7	6
3	HPLC-UV and TLC-Densitometry Methods for Simultaneous Determination of Sofosbuvir and Daclatasvir: Application to Darvonit <sup>®</sup> Tablet. <i>Journal of Chromatographic Science</i> , 2022, 60, 606-612.	0.7	2
4	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 Darvonit <sup>®</sup> Tablets. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 612-622.	0.7	3
5	A Novel Nanoparticles-based Electrochemical Sensing Platform for Sensitive Detection of Oral Anticoagulant; Edoxaban in Human Plasma. <i>Electroanalysis</i> , 2022, 34, 1266-1272.	1.5	6
6	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. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 843-853.	1.2	6
7	Determination of Tedizolid Phosphate Using Graphene Nanocomposite Based Solid Contact Ion Selective Electrode; Green Profile Assessment by Eco-scale and GAPI Approach. <i>Electroanalysis</i> , 2021, 33, 1895-1901.	1.5	19
8	Eco-Friendly Chromatographic Methods for Determination of Acemetacin and Indomethacin; Greenness Profile Assessment. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 1485-1491.	0.7	2
9	Utility of Silver-nanoparticles for Nano Spectrofluorimetric Determination of Meropenem and Ertapenem: Bio-analytical Validation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120077.	2.0	7
10	Selective quantitation of co-formulated ternary mixture in the presence of potential impurities by liquid chromatographic methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112821.	1.4	3
11	Spectrophotometry analysis for simultaneous determination of the new antiviral drug combination: Daclatasvir/sofosbuvir in their pure form and pharmaceutical preparation. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 5939-5946.	0.2	6
12	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117219.	2.0	1
13	Two-wavelength manipulation stability-indicating spectrophotometric methods for determination of meropenem and ertapenem: greenness consolidation and pharmaceutical product application. <i>Chemical Papers</i> , 2019, 73, 2723-2736.	1.0	8
14	A Capillary Zone Electrophoresis Method with Multiresponse Chemometric Optimization for the Simultaneous Determination of Zofenopril Calcium and Hydrochlorothiazide in Presence of Hydrochlorothiazide Major Impurities. <i>Journal of Chromatographic Science</i> , 2018, 56, 461-471.	0.7	12
15	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 359-367.	2.0	8
16	Potentiometric ion-selective electrodes for determination of cyclopentolate hydrochloride and phenylephrine hydrochloride in their challenging ophthalmic formulation. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 3351-3361.	1.2	16
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. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1031-1041.	0.7	5
18	Simultaneous Determination of Cinchocaine Hydrochloride and Betamethasone Valerate in Presence of Their Degradation Products. <i>Journal of Chromatographic Science</i> , 2017, 55, 518-527.	0.7	8

#	ARTICLE	IF	CITATIONS
19	Challenge Approach of an Inexpensive Electrochemical Sensor for Rapid Selective Determination of two Nonclassical $\beta$ -Lactams in Presence of Different Degradants and Interference Substances. <i>Electroanalysis</i> , 2017, 29, 2708-2718.	1.5	16
20	Zero and second derivative synchronous fluorescence spectroscopy for the quantification of two nonclassical $\beta$ -Lactams in pharmaceutical vials: Application to stability studies. <i>Luminescence</i> , 2017, 32, 1517-1527.	1.5	14
21	Chromatographic Determination of Cyclopentolate Hydrochloride and Phenylephrine Hydrochloride in the Presence of Their Potential Degradation Products. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 434-444.	0.7	8
22	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. <i>RSC Advances</i> , 2016, 6, 107246-107255.	1.7	3
23	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 MCR-ALS. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 524-533.	2.0	13