

# Mahmoud A Tantawy

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

553  
citations

687363

13  
h-index

713466

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel trimodal system on a paper-based microfluidic device for on-site detection of the date rape drug ketamine. <i>Analytica Chimica Acta</i> , 2020, 1104, 95-104.	5.4	60
2	A combined approach of green chemistry and Quality-by-Design for sustainable and robust analysis of two newly introduced pharmaceutical formulations treating benign prostate hyperplasia. <i>Microchemical Journal</i> , 2021, 160, 105711.	4.5	42
3	Novel HPTLC densitometric methods for determination of tamsulosin HCl and tadalafil in their newly formulated dosage form: Comparative study and green profile assessment. <i>Biomedical Chromatography</i> , 2020, 34, e4850.	1.7	40
4	Stability-indicating HPTLC method for the simultaneous detection and quantification of alfuzosin hydrochloride, solifenacin succinate along with four of their official impurities. <i>Microchemical Journal</i> , 2020, 157, 104905.	4.5	35
5	Stability assessment of tamsulosin and tadalafil formulated in capsules by two validated chromatographic methods. <i>Journal of Separation Science</i> , 2021, 44, 530-538.	2.5	33
6	Smart spectrophotometric assessment of tamsulosin hydrochloride and tadalafil in their new pharmaceutical formulation for treatment of benign prostatic hyperplasia and erectile dysfunction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117547.	3.9	31
7	Eco-friendly chiral HPLC method for determination of alfuzosin enantiomers and solifenacin in their newly pharmaceutical combination: Method optimization via central composite design. <i>Microchemical Journal</i> , 2021, 165, 106095.	4.5	30
8	A novel HPLC-DAD method for simultaneous determination of alfuzosin and solifenacin along with their official impurities induced via a stress stability study; investigation of their degradation kinetics. <i>Analytical Methods</i> , 2020, 12, 3368-3375.	2.7	28
9	A sensing platform of molecular imprinted polymer-based polyaniline/carbon paste electrodes for simultaneous potentiometric determination of alfuzosin and solifenacin in binary co-formulation and spiked plasma. <i>Analytica Chimica Acta</i> , 2022, 1200, 339599.	5.4	24
10	Eco-friendly Spectrophotometric Methods for Assessment of Alfuzosin and Solifenacin in their new Pharmaceutical Formulation; Green Profile Evaluation via Eco-scale and GAPI Tools. <i>Current Pharmaceutical Analysis</i> , 2021, 17, 1093-1103.	0.6	19
11	Simultaneous determination of olanzapine and fluoxetine hydrochloride in capsules by spectrophotometry, TLC-spectrodensitometry and HPLC. <i>Journal of Advanced Research</i> , 2013, 4, 173-180.	9.5	18
12	Chemometrics Tools in Detection and Quantitation of the Main Impurities Present in Aspirin/Dipyridamole Extended-Release Capsules. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 948-956.	1.5	14
13	All solid-state miniaturized potentiometric sensors for flunitrazepam determination in beverages. <i>Mikrochimica Acta</i> , 2021, 188, 192.	5.0	14
14	Stability-indicating spectrophotometric methods for determination of the anticoagulant drug apixaban in the presence of its hydrolytic degradation product. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 13-20.	3.9	13
15	A gold-carbon dots nanoprobe for dual mode detection of ketamine HCl in soda drinks. <i>New Journal of Chemistry</i> , 2020, 44, 7058-7064.	2.8	13
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.	2.8	12
17	A Novel Glassy Carbon Electrode Modified with Multi-Walled Carbon Nanotubes for Potentiometric Xipamide Determination. <i>Journal of the Electrochemical Society</i> , 2021, 168, 056506.	2.9	12
18	Artificial neural networks versus partial least squares and multivariate resolution-alternating least squares approaches for the assay of ascorbic acid, rutin, and hesperidin in an antioxidant formulation. <i>Spectroscopy Letters</i> , 2019, 52, 339-345.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Univariate versus multivariate spectrophotometric methods for the simultaneous determination of omarigliptin and two of its degradation products. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 271, 120880.	3.9	10
20	A green TLC densitometric method for the simultaneous detection and quantification of naphazoline HCl, pheniramine maleate along with three official impurities. <i>BMC Chemistry</i> , 2022, 16, 24.	3.8	10
21	Simultaneous Determination of Aspirin, Dipyridamole and Two of Their Related Impurities in Capsules by Validated TLC-Densitometric and HPLC Methods. <i>Journal of Chromatographic Science</i> , 2016, 54, 1120-1128.	1.4	9
22	Simultaneous determination of guaifenesin enantiomers and ambroxol HCl using 50â€mm chiral column for a negligible environmental impact. <i>Chirality</i> , 2019, 31, 835-844.	2.6	9
23	Simultaneous Determination of Co-administrated Deflazacort, Aprepitant and Granisetron in Dosage Forms and Spiked Human Plasma by RP-HPLC/PAD. <i>Journal of Chromatographic Science</i> , 2019, 57, 790-798.	1.4	9
24	Stability-Indicating Chromatographic Methods for the Determination of Sertindole. <i>Journal of Chromatographic Science</i> , 2014, 52, 559-565.	1.4	8
25	Stabilityâ€indicating chromatographic methods for determination of flecainide acetate in the presence of its degradation products; isolation and identification of two of its impurities. <i>Biomedical Chromatography</i> , 2016, 30, 1541-1548.	1.7	7
26	Determination of naphazoline HCl, pheniramine maleate and their official impurities in eye drops and biological fluid rabbit aqueous humor by a validated LC-DAD method. <i>RSC Advances</i> , 2021, 11, 7051-7058.	3.6	7
27	Two Validated Chromatographic Methods for Determination of Ciprofloxacin HCl, One of its Specified Impurities and Fluocinolone Acetonide in Newly Approved Otic Solution. <i>Journal of Chromatographic Science</i> , 2022, 60, 655-662.	1.4	7
28	Butyl-based reversed-phase high-performance liquid chromatography and silica normal-phase high-performance thin-layer chromatography methods for the determination of palonosetron in the presence of degradation products and dosage form additives. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 149-160.	1.2	6
29	Quality and Stability Profile Assessment of the Recent Antidiabetic Omarigliptin by Using Different Chromatographic Methods. <i>Journal of Chromatographic Science</i> , 2021, 59, 762-769.	1.4	5
30	A New Comparative Potentiometric Method for Analysis of Omarigliptin Using Three Different Sensors. <i>Electroanalysis</i> , 2023, 35, .	2.9	5
31	Comparative validated chromatographic methods for the simultaneous determination of caffeine, codeine, paracetamol along with the related compound "p-aminophenol" in tablets. <i>Journal of Planar Chromatography - Modern TLC</i> , 2022, 35, 51-59.	1.2	4
32	Stability-Indicating Chromatographic Methods for the Simultaneous Determination of Probenecid and Colchicine in Their Combined Tablet. <i>Journal of Chromatographic Science</i> , 2021, 59, 956-963.	1.4	3
33	Smart spectrophotometric methods for stability assessment of two co-formulated antigout drugs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121062.	3.9	3
34	Normal-Phase TLC and Gradient Reversed-Phase HPLC for the Simultaneous Determination of Enrofloxacin and Bromhexine HCl in Presence of Two of Their Official Impurities. <i>Journal of Chromatographic Science</i> , 2023, 61, 546-551.	1.4	3